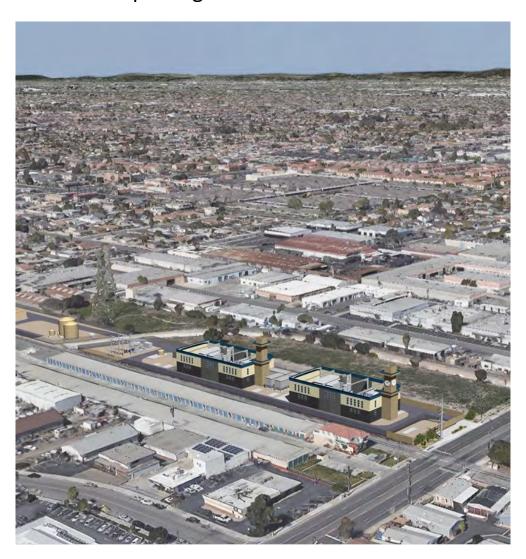
DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	231298
Document Title:	Stanton Energy Reliability Center MCR No 9
Description:	Monthly Compliance Report
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Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01 Monthly Compliance Report No. 9 Reporting Period: October 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC) Submitted November 13, 2019

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Key Events List

PROJECT: Stanton Energy Reliability Center

DOCKET #: 16-AFC-01
COMPLIANCE PROJECT MANAGER: John Heiser

EVENT DESCRIPTION	DATE
CEC Decision Date	November 7, 2018
Obtain Site Control	February 12, 2019
Online Date	July 1, 2020
POWR PLANT SITE ACTIVITIES	
Start Site Assessment/Pre-Construction	January 31, 2019
Start Site Mobilization/Construction	February 12, 2019
Begin Pouring Major Foundation Concrete	March 29, 2019
Begin Installing Major Equipment	September 4, 2019
Completion of Installation of Major Equipment	December 24, 2019
First Combustion of Gas Turbine	December 23, 2019
Obtain Building Occupation Permit	TBD
Start Commercial Operation	BESS July 1, 2020;
	LM6000 July 1, 2020
Complete All Construction	April 28, 2020
TRANSMISSION LINE ACTIVITIES	
Start Transmission Line Construction	August 2019
Complete Transmission Line Construction	November 2019
Synchronization with Grid and Interconnection	March 2, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	August 2019
Complete Gas Pipeline Construction	November 2019
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	TBD
Complete Water Supply Line Construction	TBD

1. Summary

On November 7, 2018, the California Energy Commission (CEC) issued its Commission Decision (Docket No. 16-AFC-01) approving construction and operation of the Stanton Energy Reliability Center (SERC) Project. The CEC Compliance Project Manager (CPM) issued a Limited Notice to Proceed (LNTP) on January 31, 2019, allowing the start of construction activities at the power plant site. The Full Notice to Proceed (FNTP) was issued by the CEC on February 12, 2019.

Upon the CEC docket of the Final Decision, SERC made Payment of the Annual Energy Facility Compliance Fee. The next payment and all subsequent payments are due by July 1, of each year.

This document is a Monthly Compliance Report (MCR) as required by Condition of Certification (COC) COM-6. The information in this report documents the engineering, procurement,

construction, and compliance activities that were performed during the reporting period: October 2019.

Stanton Energy Reliability Center, LLC (SERC) has selected ARB, Inc. as its general contractor. Power Engineers, under a separate contract is providing the project detailed design engineering. Procurement and construction management services are being provided by Wellhead Construction, Inc. Southern California Edison (SCE) will construct the transmission interconnection facilities. Southern California Gas will design, build and operate the natural gas pipeline associated with the project. Jacobs Engineering has been retained by SERC to assist with construction monitoring and environmental and CEC compliance. NV5 has been selected by the CEC as the Designated Chief Building Official (DCBO).

October has been a productive month for setting equipment and erection on Parcel 1. Erection work has focused on completing the Combustion Turbine (CT) Air Inlets, Emission Reduction Unit (ERU) module erection and setting miscellaneous equipment around Unit 2. Switchyard erection by Newton's crew is well underway and completion is scheduled in November.

During this reporting period the general contractor awarded the Startup and Commissioning activity to Universal Energy UEI.

A preliminary project summary schedule is included in Attachment 1.

Note: Due to the dynamic nature of a large-scale construction project, key event dates are subject to change.

The following table represents the percent complete numbers for the engineering, procurement, and construction activities as of the end of October 2019.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	78%
BESS Design	63%
Procurement	
Owner Supplied Equipment	98%
Contractor Supplied Equipment	81%
Construction	
Power Island	56%
BESS	1%

1.1 Engineering

Through the month of October 2019, Power Engineering (PEI) continued to support SERC with responses to CBO comments, provision of lists to expedite approvals, and visit the site as required by the CBO. PEI continues to receive RFI's and contractor material submittals. Weekly meetings are held with the DCBO and CPM to review progress.

Power Engineers also prepared and submitted reports for structural site visits. Received change from SCE on 66-kV relay settings; updated SERC settings and re-issued. Updated and re-issued ER001-001 per SCE easement package for CBO review package. Updated MCC one-lines and 120VAC panel schedule drawings to reflect as-shipped and for submittal to CBO. Coordinated with SERC controls engineer and SERC staff to finalize terminations. Continued working on 15-kV and below relay settings. Continued programming Site SCS and Unit SCS PLC equipment.

In addition, Power Engineers provided the following support in October:

- Continued to receive contractor request for information and respond.
- Prepared engineering supplemental information documents to construction with design modifications.
- Continued to receive equipment vendor shop drawings for review, comment and coordination with design.
- Continued to respond to DCBO comments.
- Continued to participate in weekly design coordination calls.

1.2 Procurement

The procurement of Owner Supplied Equipment (OSE) continues and is currently 98% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 81% complete. Major procurement activities completed by construction contractor in October did not change during this reporting period however the following items were received:

- RO Skid sunshade
- Solid Waste Enclosure

1.3 Construction

During the month of October continued to erect equipment, work on minor foundations, receive Owner Supplied Equipment and setting the following major equipment:

- Set Unit 1 and Unit 2 Gas Turbine Enclosures, Generator Enclosures and both Generators
- Installed Unit 2 CT in package
- Erected Unit 2 ERU Modules and Stack, working on Liner seams
- Started Erection of Unit 1 ERU
- Set balance of Unit 2 CTG Auxiliary equipment
- Erected Demin Tank

Safety:

The month of October was completed with one First Aid, no near misses, no lost time injuries or recordable injuries. Weekly all hands meetings continue to address issues and raise morale through training and information.

During this reporting period the project worked 20,202 man-hours without a lost time or recordable incident. To date, the project has worked 100,467 man-hours without a lost time, or recordable Incident, and only seven first aids.

Weekly coordination calls were held amongst project participants during the reporting period.

Civil:

- Installation of Storm Drain in Switchyard area and along South and North roads on Parcel 1
- Excavation and backfill for miscellaneous foundations at Unit 2

Piping:

- Installation of Aboveground Pipe continued in Parcel 1
- Continued installation of Above Ground (AG) Pipe at the Gas Compressor, Unit 1 and Unit 2 areas
- Continued working in the Water Treatment area

Structural:

- Completed Unit 2 CTG Aux Foundations
- Working on Site Paving
- Erected miscellaneous platforms and grating
- Erected sunshade on Air Compressor and RO Skid

Electrical:

- Continued Material Procurement
- Completed installation of Trenwa along Unit 1 foundation
- Completed installing Cable Tray at Unit 2 and Unit 1 with exception of 480V Aux transformers
- Installed AG conduit on equipment as it is being set
- Grounding of AG Equipment and structures
- Began Switchyard erection
- Started to pull cable at Unit 2

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion has been forecasted from February 27, 2020 to February 28, 2020 as shown in the October MCR.

2. Documents Required by Specific Conditions for MCR

The Documents required by specific conditions have been identified in Section 4 "Conditions Satisfied During Reporting Period" of this report and are also included in the in Attachments.

During this reporting period there were no Discrepancies to report as required in GEN-7. As such, Attachment 12 contains no information.

During this reporting period there were no changes to the encroachment permit as required in SOIL&WATER-8. As such, Attachment 15 contains no information.

During this reporting period there were no Discrepancies or Non-Compliance items to report as required in CIVIL-3 as indicated in Attachment 19.

3. Compliance Matrix

The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and DCBO and the dates of any approvals by the DCBO, CEC or other agencies having review or approval rights. The Compliance Matrix is included in Attachment 2.

4. Conditions Satisfied During Reporting Period

The Commission Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in an MCR. This section of the MCR describes activities that ensure compliance is achieved with all conditions of verification in the Commission Decision for the SERC Project. The report format is designed to be comprehensive and inclusive of all Conditions of Certification that require monthly reporting.

Many Conditions of Certification are addressed in the attachments to this MCR. The following one-time and/or monthly compliance activities were completed or addressed during the report period:

AQ-SC1: The additional Air Quality Construction/Demolition Mitigation Manager (AQCMM) delegates (Robert Dixon and John Crumb) were approved during the reporting period.

AQ-SC3: 1) A summary of all actions taken to maintain compliance with this condition 2) Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD) in relation to project construction; and 3) other documentation deemed necessary to verify compliance with this condition are included in the AQCMM's monthly report in Attachment 3.

AQ-SC4: 1) Work activities requiring dust control and a summary of all actions taken to maintain compliance with this condition; 2) copies of any complaints filed with the SCAQMD in relation to project construction; and 3) any other documentation necessary to verify compliance with this condition are included in the AQCMM's monthly report in Attachment 3.

AQ-SC5: 1) A summary of all actions taken to maintain compliance, 2) list of heavy equipment, and 3) other documentation necessary to verify compliance during the reporting period is included in the AQCMM's monthly report in Attachment 3.

BIO-2: A monthly Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) provides a summary of reporting period construction activities and associated biological monitoring and is included in Attachment 4.

- **BIO-3:** The additional Biological Monitors (Dennis Miller, Austin Van Meter, Philip Gunther, Will Molland-Simms and William Roberts) were approved during the reporting period.
- **BIO-5:** During the reporting period 96 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 523. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.
- **BIO-6:** The Designated Biologist and Biological Monitor provides monthly documentation on how the biological mitigation measures defined in the BRMIMP have been implemented during the reporting period. This information is included in Attachment 4.
- **BIO-8:** The Designated Biologist and Biological Monitors have provided documentation on preconstruction nest surveys to the CPM, California Department of Fish and Wildlife (CDFW) and U.S. Fish and Wildlife Service (USFWS) as required. These activities and reports are addressed in the Monthly Biological Report included as Attachment 4. Impact avoidance and minimization measures related to nesting and breeding birds have been implemented during the reporting period. This information is included in Attachment 4.
- **CIVIL-1:** There were no proposed changes to the drainage structures and the grading; the erosion and sedimentation control plan; the construction Storm Water Pollution Prevention Plan (SWPPP); related calculations and specifications that have been signed and stamped by the responsible civil engineer or the soils, geotechnical or foundation investigations reports required by the 2016 CBC that have been previously submitted and approved by the CBO.
- **CIVIL-3:** There were no inspection, non-conformance reports during the reporting period. (Attachment 5)
- **COM-5:** An updated compliance matrix is provided as Attachment 2.
- COM- 6: This MCR conforms to and satisfies the COC.
- **COM-7**: There were no required Periodic or Annual Compliance Reports due in this reporting period.
- **COM-9**: The Annual Compliance Fee was paid by SERC, LLC on Jun 5th. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.
- **COM-10:** On September 13, 2019 SERC filed a Petition for Post Certification Change (TN#: 229730) with the CEC requesting the site boundary be modified to eliminate a portion of Parcel 2 from the Commission Final Decision. The petition is still under review by the CEC staff and is expected to be docketed during the next reporting period.
- **COM-11:** There were no complaints, notices, warnings, citations or fines during this reporting period. The Complaint Log can be found in Attachment 21 of this MCR.
- **COM-13:** No Incident-Reporting Requirements occurred during this reporting period.

CUL-1: The additional CRM's (Evelyn Chandler, Liz Denniston, Morgan Bender, Cissy London, Brittany Cleary and Sun Min Choi) were approved during the reporting period.

CUL-2: Three week look ahead schedules are being provided weekly to allow the CRS to plan the CRM's monitoring work accordingly. The CPM is being copied on these schedules as well.

CUL-3: The CRMMP is being fully implemented. Specific details can be found in the daily cultural resource reports being submitted to the CPM and in the monthly Cultural Resources Report included as Attachment 6 of this MCR.

CUL-5: During the reporting period 96 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 523 Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

CUL-6: The Cultural Resources Specialist's monthly summary report is included as Attachment 6 to this MCR.

CUL-7: There were no cultural resource discoveries made during the reporting period.

ELEC-1: Documentation of transmittal of electrical construction design review and approval by the DCBO during the reporting period. During this reporting period there were no review or approvals by the DCBO therefore Attachment 8 has been left blank.

Additionally, there were two (2) receipts of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period:

- Unit 1 Generator The OEM Delivery and Installation testing was performed on Unit 1 Generator.
- 66kV SF6 Breaker Testing will be performed on the 66kV SF6 Breaker and associated air disconnect switches once they have been set in position.

GEN-2: There were no schedule updates in the reporting period to the facility design schedule, the master drawings and master specifications list (Attachment 9).

GEN-3: Proof of payment to the DCBO during this reporting period is included in Attachment 10.

GEN-6: There were nine (9) additional special inspectors approved during the reporting period as indicated in Attachment 11.

GEN-7: During this reporting period there were no Design Discrepancy Correction as described in GEN-7.

GEN-8: There were no final inspections during this reporting period as described in GEN-8 (Attachment 13).

HAZ-2: On September 27, 2019 SERC filed the Final Hazardous Materials Business Plan (HMBP) and a Spill Prevention Control Countermeasures plan to the California Energy Commission and Orange County Environmental Health Division (OCEHD) for approval. SERC received approval from the CEC on October 14, 2019.

In addition, on October 25, 2019 SERC filed the Final Risk Management Plan to the California Energy Commission and Orange County Environmental Health Division (OCEHD) for approval. At the time of this writing SERC is still awaiting comments/approval from the California Energy Commission and Orange County Environmental Health Division (OCEHD).

- **HAZ-3:** During this reporting period, the Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck that was submitted on September 27, was approved by the CEC on October 8, as required in the COC.
- **HAZ-5:** During this reporting period the Letters to vendors delivering aqueous ammonia by tanker truck that exceed specifications of MC-307/DOT-407 that was submitted on September 30, was approved by the CEC on October 8, as required in the COC.
- **HAZ-6:** During this reporting period the Letters with detailed delivery route for bulk quantities of hazardous materials deliveries that was submitted on September 30, was approved by the CEC on October 8, as required in the COC.
- **HAZ 8:** On August 9, SERC made notification of the availability of the Site-Specific Site Security plan in accordance with HAZ-8. On August 21, 2019 CPM was on site and received a copy of the plan to review. On August 29, 2019 the CEC provided comments, SERC incorporated the comments and presented to the CEC during their site visit on September 18, 2019.
- **MECH-1:** There were ten (10) submittals from SERC to the CBO during this reporting period. Documentation of transmittal letters of completion of all DCBO inspections are included in Attachment 22.
- **MECH-2:** There were no on-site fabrication or installation of any pressure vessels during this reporting period.
- **NOISE-2:** There were no noise complaints received during this reporting period.
- **PAL-1**: The additional PRM's (Nolan, Richards and Patrick Riseley) were approved during the reporting period.
- **PAL-2:** Three week look ahead schedules are being provided weekly to allow the PRS to plan the PRM's monitoring work accordingly. The CPM is being copied on these schedules as well.
- **PAL-3:** The PRMMP is being fully implemented. Specific details can be found in the Monthly Paleontology Resources Report included as Attachment 7.
- **PAL-5:** During the reporting period 96 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is523. Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.
- **PAL-6:** A summary of the Paleontological Resource Specialist's activities during the reporting period including daily monitoring logs is included in the Monthly Paleontology Report included as Attachment 7.
- **SOIL&WATER-4:** The monthly water use for SERC during the reporting period was 12,500 CF. Daily water usage is provided within Attachment 14.

STRUC-1: Documentation of DCBO approval of structural plans, specifications, and calculations during the reporting period is included in Attachment 16. Additionally, copies of the STRUC 1 transmittal cover sheets from the STRUC 1 submittals to the CBO were provided to the CPM in accordance with this condition of certification.

STRUC-3: There were no design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes during this reporting period.

TRANS-1: There were six (6) deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified in Attachment 17

TRANS-5: The project did not contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes during this reporting period.

TSE-1: There were no schedule updates to the transmission facilities design submittals, Master Drawings List, and a Master Specifications List or Major Equipment and Structure List during the reporting period.

TSE-2: . There were two (2) receipts of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period.

- Unit 1 Generator The OEM Delivery and Installation testing was performed on Unit 1 Generator.
- 66kV SF6 Breaker Testing will be performed on the 66kV SF6 Breaker and associated air disconnect switches once they have been set in position.

VIS-3: There were no lighting complaints for any construction activity during this reporting period.

WASTE-4: During this reporting period Seven (7) forty-yard bins of construction waste left the site, one (1) forty-yard waste metal bin and no (0) eco pans of solid waste left the site.

WASTE-6: SERC is keeping a copy of the hazardous waste generator identification number(s) on file at the project site (EPA ID 2-27-19-CAR000292565). Documentation of any new or revised hazardous waste generation notifications or changes in identification number are required to be provided to the CPM in the next scheduled compliance report. There have been no revisions during this reporting period.

WASTE-9: There were no spills or releases of hazardous substances, materials, or waste are reported, cleaned up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements during this reporting period.

WORKER SAFETY-3: The CSS's Monthly Compliance Report includes documentation of 1) employees trained, 2) safety management actions safety-related incidents, 3) unresolved situation and incidents that may pose a danger to life and health, 4) reports of any visits from Cal/OSHA and/or any complaints from workers to Cal/OSHA and 5) reports of accidents, injuries, and near misses during the reporting period is included in this MCR as Attachment 18.

5. Missed Deadlines

There were no missed deadlines during this reporting period.

6. Approved Changes to Conditions of Certification (COC)

No changes to the COC occurred during this reporting period.

7. Governmental Agencies Submittals / Permits

The Permits by Government Agencies as required in COM-6 are included in Attachment 20.

8. Compliance Activity Two Month Schedule

- Adhere to Conditions of Certification, defined herein, that require monthly activities and/or per event submittals.
- COM-5 and 6 Submit MCR and compliance matrix to the CEC.

9. On-Site Compliance File

SERC, LLC is maintaining electronic copies of all project files and submittals in accordance with COC COM-2 and the clarifications received from the CPM on March 21, 2019 regarding electronic record retention. At least one hard copy of the following will be kept onsite:

- 1. all finalized original and amended structural plans and "as-built" drawings for the entire project (later)
- 2. the most current versions of any plans, manuals, and training documentation required by the COC or applicable LORS

10. Incidents, Complaints, Notices of Violation, Official Warnings and Citations

There were no incidents, notices of violation, official warnings or citations received during the month of October 2019.

Attachment 1 – COM-6 Project Schedule

SERC Baseline Proj	ject Master Schedule (w/ARB Sep Sched) CEC/SCE (F9)		WBS	Summa	ary										10-Oct-19 10:14
Activity ID	Activity Name	OD % Comp Start	Finish	TF	1 L					020				2021	
		000 0000 0000	00.0.101			Sep Oct N	Nov Dec Jan Fe	eb Mar Apr	May Jun	Jul Aug Sep Oct N	lov Dec Jar	n Feb Mar A	Apr May Jur	n Jul Aug	Sep Oct Nov Dec
	ne Project Master Schedule (w/ARB Sep Sched) & CEC	895 54.51% 26-Oct-16 A		0											
LM6000 RAP	PA Key Milestone	0 0% 01-Jul-20	01-Jul-20	254				1 1 1 1 1 1							
2	Expected Initial Delivery Date	0 0%	01-Jul-20*	254						\$					
Storage RAP	A Key Milestone	0 0% 01-Jun-20	01-Jun-20	272	0										
4	Expected Initial Delivery Date	0 0%	01-Jun-20*	272	0				\$; ; ; ;	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
GIA Key Mile	estones	34 0% 03-Feb-20	01-Apr-20	306	0										
6	In-Service Date (Initial Backfeed - Liquidated Damages Fro	0 0%	03-Feb-20*	486	0		\$								
7	Initial Synchronization Date/Trial Operation (No Later Than)	0 0%	02-Mar-20*	323	0			\$							
8	Commercial Operation Date (No Later Than)	0 0%	01-Apr-20*	179	0			\$							
Pre-construc	ction Activities	701 96.29% 26-Oct-16 A	14-Nov-19	381	0			1 1 1 1 1 1							
CEC Permitting		434 100% 26-Oct-16 A	12-Feb-19 A		0										
12	Presiding Members Proposed Decision (PMPD) issued	1 100% 08-Oct-18 A	08-Oct-18 A		0										
13	Full Commission Decision for Approval	0 100% 13-Nov-18 A			0										
15	CEC Decision Final (non-appealable)	0 100%	13-Dec-18 A		0			1 1 1 1 1 1							
14	Post-Approval 30-day appeal period	30 100% 13-Nov-18 A	13-Dec-18 A		0										
11	Application for Certification	782 100% 26-Oct-16 A	17-Dec-18 A		0										
Pre-Construction	on Compliance (CEC)	47 100% 13-Nov-18 A	12-Feb-19 A		0										
18	Limited Notice to Proceed (LNTP)	0 100%	31-Jan-19 A		0			1 1							
17	Compliance submittals necessary to get a Limited Notice	69 100% 13-Nov-18 A	31-Jan-19 A		0										
20	Full Notice to Proceed (FNTP)	0 100% 12-Feb-19 A			0										
19	Compliance submittals necessary to get a Full Notice to P	83 100% 13-Nov-18 A	12-Feb-19 A		0										
SCAQMD Air Pe	ermit	0 0% 15-Nov-18 A	15-Nov-18 A		0										
22	SCAQMD Authority To Construct (ATC) issued	0 100% 15-Nov-18 A			0			1 1 1 1 1 1					1 1		
Engineering		575 100% 29-Oct-18 A			0										
24	"Issued For Bid" Engineering Package for Contractor Prici	174 100% 31-Oct-18 A			0										
25	Further Develop Engineering to Signed and Stamped Plan S	575 100% 31-Oct-18 A			0										
26	Receive Signed and Stamped Plan Set	1 100% 17-Dec-18 A	17-Dec-18 A		0			1 1							
27	Vehicle Bridge Engineering	45 100% 29-Oct-18 A	18-Jan-19 A		0										
28	BESS & EGT Integration Engineering	105 100% 02-Jan-19 A	22-Feb-19 A		0										
29	Assemble Engineering into CBO submittal packages	148 100% 11-Dec-18 A	29-Aug-19 A		0										
Real Properties	or Land Control	394 100% 06-Aug-18 A			0										
31	Valov Lease Agreement Executed	0 100%	06-Aug-18 A		0										
34	Sewer Service Connection Permit	16 100% 31-Dec-18 A	28-Jan-19 A		0										
33	Water Service Connection Permit	16 100% 31-Dec-18 A	28-Jan-19 A		0										
35	Orange County Public Works (OCPW) Encroachment Agre	4 100% 03-Dec-18 A	01-Feb-19 A		0										
32	SCE Easement Consent	81 100% 31-Dec-18 A	25-Feb-19 A		0										
t I promote the second	d Equipment (OSE) Procurement Schedule	356 92.7% 08-Feb-18 A		381	0										
LM6000 Packag	-	190 100% 22-Feb-18 A			0										
38	Effective Date of Turbine Supply Contract	0 100%	22-Feb-18 A		0			1 1 1 1 1 1							
39	Engineering Received from Manufacturer	45 100% 22-Feb-18 A	11-May-18 A		0		1 1 1 1 1 1 1 1 1	1 1			! !	1 1 1	1 1	1 1 1	
Remaining	Level of Effort Actual Work Critical Remaining Work		Page	e 1 of 15	5				TASK filte	er: Not Level Of Effort.					
Actual Leve	rel of Effort Remaining Work ♦ Milestone													© (Oracle Corporation
L															

'ID	er Schedule (w/ARB Sep Sched) CEC/SCE (F9) Activity Name	OD % Comp Start	Finish	Summa				2020					20	021	10-Oct-19
	,,			''	\ \ / · · ·	Sep Oct Nov Dec	Jan Feb Mar Apr		Aug Se	p Oct Nov	Dec Jan Feb	Mar Apr			Sep Oct No
40	Order of Long Lead Time Items	0 100% 23-May-18 A	1		0										
41	FNTP	0 100% 23-Aug-18 A			0			1 1			i i i i i i i i i i i i i i i i i i i		1		1 1
43	Receipt of Notice of Ready to Ship (RTS)	0 100%	11-Apr-19 A		0						! ! ! ! ! !		1		1 1
44	Delivery Per FCA (Goods Actually Ready For Shipment)	0 100%	21-May-19 A		0								1		
42	Manufacturer Time (FNTP-Delivery)	169 100% 23-Aug-18 A	-		0										
A1000	Transportation From FCA Delivery Point To Site	40 100% 21-May-19 A	-		0										
Emissions Reduction Un	•	356 92.7% 08-Feb-18 A		381	0						i i		1		
47	Effective Date of the ERU Supply Contract	0 100%	08-Feb-18 A		0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1				
57	Selection of Nox & CO Catalyst	0 100%	01-Jun-18 A		0										
62	Engineering Received from Manufacturer	0 100%	05-Jul-18 A		0										
56	Engineering Received from Manufacturer	0 100%	13-Jul-18 A		0										
61	Approval of Engineering	0 100%	19-Jul-18 A		0										
55	Approval of Engineering	0 100%	27-Jul-18 A		0			1 1			i i i i i i i i i i i i i i i i i i i		1		
54	Release for Fabrication of Nox & CO Catalyst	0 100%	13-Aug-18 A		0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1		
	-	0 100%	24-Aug-18 A		0								1		
53	Delivery of instalation proceedures				0										
60	Engineering Received from Manufacturer	0 100%	30-Aug-18 A		0										
52	Delivery of maintenance proceedures	0 100%	07-Sep-18 A		0										
59	Approval of Engineering	0 100%	13-Sep-18 A		0						i i		1		
58	FNTP	0 100% 12-Oct-18 A			0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1		1 1		1 1
A1010	Fabrication Drawings	4 100% 12-Oct-18 A	01-Feb-19 A		0]						
A1020	SERC Review Fabrication Drawings	4 100% 01-Feb-19 A	15-Feb-19 A		0										
51	Manufacturer Time (FNTP-Delivery)	123 100% 15-Feb-19 A	18-Jun-19 A		0										
49	NOx & CO Modules	0 0%	11-Oct-19	400	0	\$									
50	Delivery/Goods Received (Duct, Stack, Silencer)	59 72.97% 01-Jul-19 A	25-Oct-19	381	0						i i		1		
A1030	Transportation Of ERU Materials	4 0% 01-Jul-19 A	14-Nov-19	381	0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1		1 1		1 1
Generator Step-Up Trans	sformer (GSU)	194 100% 29-Jun-18 A	31-May-19 A		0				{ ·						
64	LNTP/PO Date	0 100%	29-Jun-18 A		0										
66	FNTP	0 100% 20-Sep-18 A			0										
65	Engineering Received from Manufacturer	56 100% 29-Jun-18 A	20-Sep-18 A		0										
67	Manufacturer Time (FNTP-Delivery)	162 100% 20-Sep-18 A	28-Feb-19 A		0			1 1			1 1 1 1 1 1				1 1
69	Delivery/Goods Received At Site	0 100%	31-May-19 A		0				 						
Vehicle Bridge		47 100% 01-Nov-18 A	22-Mar-19 A		0								1		
71	LNTP/PO Date	0 100% 01-Nov-18 A			0								1		
73	FNTP	0 100%	07-Jan-19 A		0										
72	Engineering Received from Manufacturer	32 100% 02-Nov-18 A	07-Jan-19 A		0			1 1			1 i 1 I 1 I		; ; ; ;		
74	Manufacturer Time (FNTP-Delivery)	24 100% 08-Jan-19 A	28-Feb-19 A		0			1 1 1	 	·			 		
75	Delivery/Goods Received	0 100%	22-Mar-19 A		0								1		
Balance Of Plant OSE		119 100% 01-Jul-18 A	01-Apr-19 A		0								1		
78	Place BOP OSE Purchase Orders	180 100% 01-Jul-18 A			0										

	ster Schedule (w/ARB Sep Sched) CEC/SCE (F9)			Summar	у					06							10-Oct-19 10
ivity ID	Activity Name	OD % Comp Start	Finish	TF	Fin. Var.	Son	Oct Nov	Dec Jan Feb M	or Apr Mov	2020	Augleon O	et Nov Do	o lon Fob	Mar Apr		021	Son Oot Nov
79	Available for delivery to the Project Site	0 100% 01-Apr-19 A			0	Sep	JCI INOV	Dec Jan Feb M	ai Api Iway	Juli Jul /	aug Sep O	Ct Nov Dec	C Jan Feb	Iviai Api	Iviay Juii	Jui Aug	Sep Oct Nov
Construction Contract	-	97 100% 03-Sep-18 A	24- lan-19 Δ		0									<u> </u>	i i 	i i i i i i i i i i i i i i i i i i i	
81	Receive Initial Bids from Construction Contractors	0 100% 03-Sep-18 A	24 5411 1570		0		 							!			1 1 1 1 1 1 1 1 1 1 1 1
82	Review Initial Bids	30 100% 04-Sep-18 A	04-Oct-18 A		0												
84	Achieve Commercial Lockdown	0 100%	26-Nov-18 A		0												
83	Short list two construction contractors and negotiate draft	28 100% 04-Oct-18 A	26-Nov-18 A		0		1										
86	Final Bids Turned In	0 100%	14-Dec-18 A		0										!		!
85	Contractor Pricing Refresh	18 100% 26-Nov-18 A	14-Dec-18 A		0		 					i i i i i i i i i i i i i i i i i i i		i ! !	i i i i i i		1 1 1 1 1 1 1 1 1
87	Review Final Bids / Select Contractor	2 100% 14-Dec-18 A			0		1										
89	Make executed construction contract available in the SER	0 100%	21-Dec-18 A		0												
88	Execute Construction Contract	0 100%	21-Dec-18 A		0		1										1 1 1 1 1 1 1 1 1
90	Provide Notice To Proceed to Contractor	0 100%	24-Jan-19 A		0										·		
Project Finance		176 100% 16-Oct-18 A			0		 							1	1 1		
92	Provide Mandate to Helaba	0 100% 16-Oct-18 A			0		 								! ! ! !		
93	Perform Dilligence	1 100% 16-Oct-18 A	14-Jan-19 A		0												
94	Develop Loan Documentation	4 100% 16-Oct-18 A	17-Jan-19 A		0		 		1 1 1 1 1 1 1 1 1					 	1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1
95	Financial Close	0 100% 24-Jan-19 A			0												
CEC Compliance		560 27.29% 19-Dec-18 A	02-Oct-21	0	-21		1										
CBO Activity	_	217 54.98% 19-Dec-18 A		310	0												
99	CBO Kick off Meeting	0 100%	19-Dec-18 A		0												
98	CBO Contract Execution	0 100% 19-Dec-18 A			0		 					1 1		 	1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1
CBO performance of d	uties	217 54.98% 26-Dec-18 A	25-Mar-20	310	0												
101	Review and approve Pre-construction submittal	1 100% 26-Dec-18 A	27-Dec-18 A		0												
103	Perform Plan Check of Submittals	148 B5.81% 27-Dec-18 A	05-Nov-19	386	0												1 1 1 1 1 1 1 1 1
102	Inspector On Site	390 54.36% 04-Feb-19 A	25-Mar-20	556	0		+										
CEC Compliance R1		644 9.07% 20-Jul-19 A		0	-30										ļ 	ļ	
Air Quality AQ-1010	AQ-D1b - Initial Source Test	455 0% 30-Oct-19 0 0% 30-Oct-19	21-May-21	107 562	-2 -2		•										1 1 1 1 1 1 1 1 1
AQ-1015	AQ-D1b - Initial Source Test	0 0% 07-Feb-20		482	-2		\	•									
AQ-1020	AQ-D2 - Operations Source Test	0 0% 05-May-20		412	-2		 		•			1 1		 	1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1
AQ-1170	AQ-K1 - Source Test Results	0 0% 11-Jun-20		382	-2					*							
AQ-1100	AQ-D5 - CEMS for NOx	0 0% 11-Jun-20		382	_2					\$							
AQ-1080	AQ-D4 - CEMS for CO	0 0% 11-Jun-20		382	_2		1 1 1 1			*				!	1 1 1 1 1 1		
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0 0% 02-Oct-20		292	_2		 			>	•			!			
AQ-1000	AQ-D1a - Initial Source Test	0 0% 02-Oct-20		292			 				*						
AQ-1050	AQ-D3 - NH3 Source Test	0 0% 21-May-21		107	-2		1				Y				\$		
Biological		376 60.06% 31-Jul-19 A	12-Nov-20	259	0									-			
BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoic	0 100% 31-Jul-19 A	12.107.20		0		 										
BIO-1050	BIO-8b - Preconstruction Nest Survey Letter Report	0 100% 19-Aug-19 A			0		i ! !							! ! !	1 i 1 ! 1 !		
BIO-1040	BIO-8a2 - Pre-Construction Nest Surveys and Impact Avoic	0 100% 19-Aug-19 A			0		1										
Remaining Level Actual Level of Eff			Page	e 3 of 15		<u> </u>	ı		TASK	(filter: Not I	Level Of Eff	ort.	1 1 1	1	. 1	· '	Oracle Corpora

	laster Schedule (w/ARB Sep Sched) CEC/SCE (F9)					S Summa	iry														10-Oct-19
ty ID	Activity Name	OD	% Com	Start	Finish	TF	1/	Con	Oct Nov	Doo lon E	ob Mor A	Apr Mov	2020	Vua Soi	ol Oot N	N/ Dog 1	lon Fob	Mar Apr		2021	g Sep Oct No
BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusion in I	0	100%	6 19-Sep-19 A			0	\$ ★	OCI NOV	Dec Jan Fr	eb Iviai F	ipi iviay	Juli Juli J	ug Se	J OCI IN	N Dec 3	allifeb	Iviai Api	Iviay Ju	II Jul Au	g Sep Oct No
BIO-1020	BIO-7b - General Impact Avoidance and Mitigation Measure	0		6 08-May-20		409	0	· >				\$									
BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0		6 08-May-20		409				1 1		\$									
BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on File	0		6 12-Nov-20		259			 			>									
Civil	BIO-5C - WEAP Training Acknowledgement Forms on File	0			00 4										8	·					
CIV-1010	CIVIL-4a - Final Grading Plan Approval	0		6 23-Apr-20 23-Apr-20	23-Apr-20	422 422						\$									
Communication	Civil 4a Tinai Cidaing Flam pprovai	0		6 17-Jan-20	17-Jan-20	499															
COM-1020	COM-12b - Emergency Response Site Contingency Plan	0		6 17-Jan-20	17-5811-20	499				\$											
Cultural		90		6 23-Apr-20	13-Aug-20	332	0														
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from	0		23-Apr-20		422						\$									
CUL-1010	CUL-4b - Final Cultural Resources Report	0	0%	6 13-Aug-20		332	0							8							
General		104	0%	6 01-Apr-20	09-Aug-20	335	-14							<u> </u>							
GEN-1030	GEN-8b - Plan and Specification Storage	0		6 01-Apr-20		439	0				\$										
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0%	6 23-Jul-20		349	0			1 1	1 1	1 1	\$								
GEN-1010	GEN-1b - Certificate of Occupancy	0	0%	6 09-Aug-20		335	-30			1 1				•							
GEN-1000	GEN-1a - Certificate of Occupancy	0		6 09-Aug-20		335				1 1		1 1									
Hazardous		142		6 20-Jul-19 A	13-Jan-20	502															
HAZ-1080	HAZ-8a - Operations Site Security Plan	0		6 20-Jul-19 A	10-0411-20	002	0														
HAZ-1000	HAZ-2a - Final HMBP and SPCC	0	100%	6 20-Jul-19 A			0		!												
HAZ-1060	HAZ-6a - HazMat Transport Route Restrictions	0		6 28-Jul-19 A			0														
HAZ-1010	HAZ-2b - Final Risk Management Plan	0		6 29-Jul-19 A			0														
HAZ-1070	HAZ-6b - Route Restrictions, New Vendor	0					0														
	·	0		23-Aug-19 A		F0F	0														
HAZ-1050	HAZ-5 - Transport Vehicle Specifications	U		6 27-Oct-19		565			\$												
HAZ-1040	HAZ-4 - Ammonia Storage Tank Design	0		6 27-Oct-19		565			\$												
HAZ-1030	HAZ-3 - Aqueous Ammonia Safety Management Plan	0		6 27-Oct-19		565			•												
HAZ-1020	HAZ-2c - Final Risk Management Plan	0	0%	6 27-Oct-19		565	-6		♦						i i						
HAZ-1090	HAZ-9 - Fuel Gas Pipe Cleaning	0	0%	6 13-Jan-20		502	-2			8	1 1	1 1						!			
Mechanical		30		6 24-Aug-19 A		585	5			1 1		1 1									
MECH-1000	MECH-2a - Pressure Vessel Installation	0	100%	24-Aug-19 A			0														
MECH-1020	MECH-3b - HVAC Plans	0	0%	6 01-Oct-19		585	5	ľ	>												
MECH-1010	MECH-3a - HVAC Plans	0	0%	6 01-Oct-19		585	5	Š	>												
Noise		15		6 04-Apr-20	23-Apr-20	422												!			
NOI-1030	NOISE-5 - Occupational Noise Survey	0	0%	ó	04-Apr-20	437	0				8										
NOI-1010	NOISE-4a - Operational Noise Survey	0	0%	6 04-Apr-20		422	0				8										
NOI-1020	NOISE-4b - Noise Survey Summary Report	0	0%	23-Apr-20		422	0					\$									
Paleo		60		6 13-Aug-20	27-Oct-20	272													<u> </u>		
PAL-1000	PAL-7 - Paleontological Resources Report	0	0%	6 13-Aug-20		272	0							\$							
PAL-1010	PAL-8 - Curation Entity/Curation Fees	0	0%	6 27-Oct-20		272	0								8						
Structural		0		6 27-Oct-19	27-Oct-19	565															
STR-1010	STRUC-4a - Tank and HazMat Vessel Design	0	0%	27-Oct-19		565	-6		\$												
Transmission		0	0%	6 27-Dec-19	27-Dec-19	516	0														

	ster Schedule (w/ARB Sep Sched) CEC/SCE (F9)	1 00	0/ 0	10: :		Summar	у							0.4	200							2004	1	10-Oct-19	<u>)</u> 1
vity ID	Activity Name		% Com	p Start	Finish	TF	Var.	n Oct	Nov F	oc lar	\ Eob	Mar Ar	or Mo		020 Jul Aug	leon (Oct No	V Doc	lan Fol	MarlA	or Mov	2021	Aug So	p Oct No	No.
TLSN-1010	TLSN-2 - Metallic Objects Grounded	0	0%	% 27-Dec-19		516	0	p Oct	INOVIL	ec Jai	ı İrebi	IVIAI A	JI IVIA	iy Jun	Jui Mug) Seb (OCI INC	V Dec	Jan rei) Iviai A	Ji liviay	Juli Jul	Aug Se	p ou in	
Transportation	12511 2 Inicianic Objecto Oroaniaca	0		% 12-Nov-20	12-Nov-20	259	0			>															
TNP-1000	TRANS-4b - Copies of Permits	0		6 12-Nov-20	12-1407-20	259	0			 		((8		1		1 1		1 1		
Switchyard		485	0%	% 04-Feb-20	02-Oct-21	0	-30			 		1	1	!							1 1				
TSE-1060	TSE-4b - Notice to CAISO	0	0%	% 04-Feb-20		485	0				\$														
TSE-1050	TSE-4a - Notice to CAISO	0	0%	6 11-Feb-20		479	0				\$														
TSE-1090	TSE-5d - As-Built Drawings	0	0%	% 18-Apr-20		426	0					1	\$												
TSE-1080	TSE-5c - As-Built Drawings	0	0%	% 18-Apr-20		426	0			1		1)				!		1						
TSE-1070	TSE-5b - As-Built Drawings	0	0%	6 18-Apr-20		426	0			1	1 1	•)				1		1		1 1				
TSE-1020	TSE-2b - Final Switchyard Design	0	0%	% 02-Oct-21		0	-30																	•	
Visual	, ,	252	0%	% 01-Jan-20	12-Nov-20	259	0									1									
VIS-1010	VIS-2a - Screening Landscaping Plan	0		6 01-Jan-20		512	0			\$; ;								
VIS-1000	VIS-1c - Notification that Treatment Completed	0	0%	% 01-Apr-20		439	0		1 1	1 1 1		\$	1	1			i 1 1		1			1	1 1 1 1 1 1	1 1 1 1 1 1	
VIS-1020	VIS-2c - Landscape Installation Timing	0	0%	% 23-Apr-20		422	0						\$				 								
VIS-1030	VIS-2d - Landscaping Ready for Inspection	0	0%	6 01-May-20		415	0						8				1								
VIS-1100	VIS-4h - Pre-COD Inspection	0	0%	% 12-Nov-20		259	0										8		-						
VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0	0%	% 12-Nov-20		259	0										8								
Waste		137		% 24-May-20	12-Nov-20	259	0			1		1	!						1				1 1	1 1	
WASTE-1020	WASTE-1b - SMP Summary	0		6 24-May-20		397	0			1		!		\$			1		1		1 1 1 1 1 1		1 1 1 1 1 1		
WASTE-1050	WASTE-8a - Operation Waste Management Plan	0	0%	% 12-Nov-20		259	0										8								
Worker Safety		193	68.989	% 28-Jul-19 A	25-Mar-20	444	0		1							1									
WRSF-1040	WORKER SAFETY-7c - Fire Protection System Specification	0	100%	% 28-Jul-19 A			0						į												
WRSF-1020	WORKER SAFETY-7a - Fire Protection System Specification	0	100%	6 28-Jul-19 A			0			1			1												
WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA	0	0%	% 10-Jan-20		504	0			\$	1 1	-	1				1		1		1 1	!			
WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0	0%	% 10-Jan-20		504	0			\$															
WRSF-1010	WORKER SAFETY-2b - Operations H&S Program	0	0%	6 13-Jan-20		502	-2			8															
WRSF-1000	WORKER SAFETY-2a - Operations H&S Program	0	0%	% 13-Jan-20		502	-2			8															
WRSF-1080	WORKER SAFETY-8f.1 - Final UL Certification of ESS	0	0%	% 25-Mar-20		444	0					*	!				1							1 1	
WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS	0	0%	6 25-Mar-20		444	0			1		*	1				1								
LM6000 Construc		334		% 09-Nov-18 A	02-Jul-20	253	-19					_													
_	bility Center - 29SEP19			% 09-Nov-18 A		253														·					
Milestones				% 09-Nov-18 A		-19																			
Contract Milestones				% 09-Nov-18 A		0	0			1			!				!					!			
00-Milest-110	Contract Negotiations	34			21-Dec-18 A		0			1		-	1				1		1		1 1				
00-Milest-120	Effective Date	1			24-Dec-18 A		0	_																	
00-Milest-130	Commencement Date & NTP = 04FEB19	0		% 04-Feb-19 A			0										1								
00-Milest-190	Scheduled Mechanical Completion Date = 01Mar20	0	0%	6	01-Mar-20*	0	0			: !	8		1				i ! !					į			
00-Milest-200	Final Project Completion Date = 26MAR20	0	0%	6	30-May-20	0	0			 		1	1	\$					1						
Project Milestones		300		% 14-Jan-19 A		-19	-19					-					 								
00-Milest-300	Kick-off Meeting	1			14-Jan-19 A		0	-																	
00-Milest-310	Start of Mobilization	0	100%	6 04-Feb-19 A			0		<u> </u>	<u> </u>	<u> </u>	!	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>		<u> </u>	i !	1 1	<u> </u>	
Remaining Level of Eff					Pag	ge 5 of 15							TA	SK filte	er: Not Lev	el Of Ef	ffort.						© Ora	acle Corpo	_

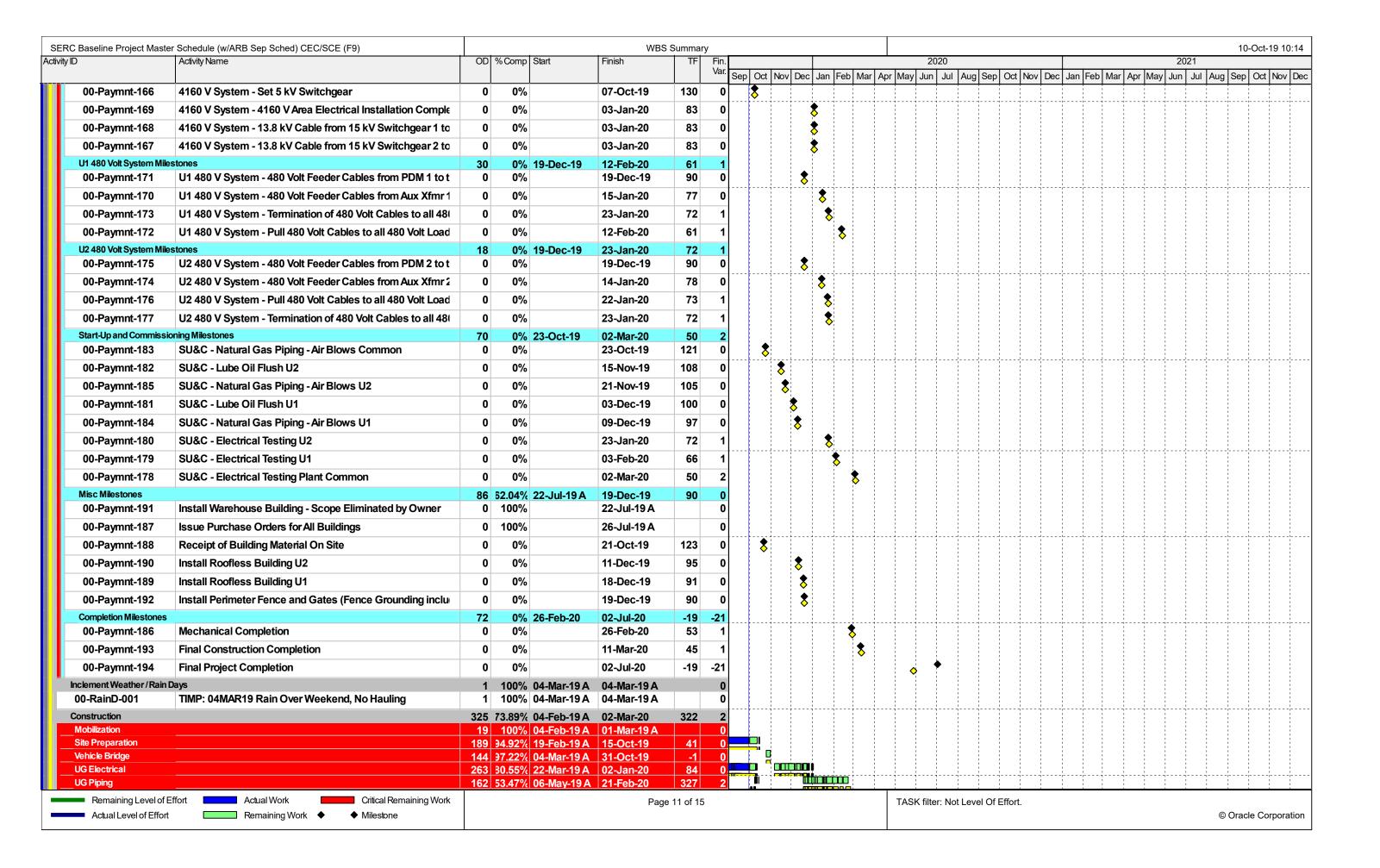
	er Schedule (w/ARB Sep Sched) CEC/SCE (F9)			Summary												10-Oct	t-19 1
y ID	Activity Name	OD % Comp Start	Finish	TF	Fin. Var.			F. I. M	A N4	2020	A	N D I	E. L. Marria	202			
00-Milest-320	Parcel 1 Temp Power Available = 08FEB19	0 100% 08-Feb-19 A			0 Sep	OCI NOV L	ec Jan	reb Mar	Apr Iway	Jun Jui	Aug Sep Oct	Nov Dec Jan	Feb Mar Apr	May Jun	Jul Aug	Sep Oci	I INOV
00-Milest-240	Begin Site Disturbance = 19FEB19	0 100% 25-Feb-19 A			0												
00-Cranes-110	Crane Site Mobilization	1 100% 31-Aug-19 A	31-Δυα-19 Δ														1
00-Milest-710	Switchyard Substation Construction Completed	0 0%	11-Dec-19	-3	0	•										1 1 1 1 1 1	
					<u> </u>		>			ļ							
00-Cranes-130	Crane Demob	2 0% 18-Dec-19	19-Dec-19	-17	10												
00-SwYard-920	Switchyard Substation: SCE Backfeed	0 0%	03-Feb-20		-12		♦										
00-Milest-720	Ready for Backfeed	0 0%	03-Feb-20		-12		♦										į
00-Milest-910	Projected Mechanical Completion Date	0 0%	26-Feb-20*	-27	1			\$									
00-Milest-920	Projected Final Completion Date	0 0%	02-Jul-20*	-26	-26			; ;		•		; ; ! ! ! !					
Payment Milestones		310 50.13% 24-Dec-18 A	02-Jul-20	-19	-21											1 1 1 1 1 1	1
Initial Milestones 00-Paymnt-001	At Contract Execution	41 100% 24-Dec-18 A 0 100%	15-Feb-19 A 24-Dec-18 A		0												
00-Paymnt-004	Mobilization	0 100% 04-Feb-19 A	24-Dec-10A														
					_												
00-Paymnt-003	At Notice to Proceed	0 100% 04-Feb-19 A			<u> </u>					-			<u> </u>				
00-Paymnt-002	Completion of Preliminary Work	0 100%	15-Feb-19 A		0												
Site Civil Works - Ductba 00-Paymnt-005	ank Milestones 15 kV Ductbank Trenching Complete	84 100% 09-May-19 A 0 100%		135	0												
	-		09-May-19 A		_			1 1	1	1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-
00-Paymnt-009	15 kV Ductbank Installed	0 100%	29-May-19 A										1 1				-
00-Paymnt-008	Ductbank Materials Procurement Complete	0 100%	26-Jul-19 A		0	¦				<u> </u>	¦		ļļ				
00-Paymnt-006	66 kV Ductbank Trenching Complete	0 100%	06-Sep-19 A		0												!
00-Paymnt-010	66 kV Ductbank Installed	0 100%	12-Sep-19 A		0 💲												
00-Paymnt-007	480 Volt Ductbank Trenching Complete	0 100%	16-Sep-19 A		0 💲												
00-Paymnt-011	480 Volt Ductbank Installed	0 0%	30-Sep-19	135	0	,											
Site Civil Works - Parcel	1111	130 100% 06-May-19 A	27-Dec-19	86	0					ļ 			ļļļ			ļļ	
00-Paymnt-013	Spoils Delivery Complete of Parcel 1	0 100%	06-May-19 A		0												
00-Paymnt-012	Mass Excavation of Parcel 1 Complete	0 100%	06-May-19 A		0												
00-Paymnt-014	Installation of Geotextile and Associated Aggregate	0 100%	17-May-19 A		0			1 1	! ! !				1 1 1 1 1 1 1 1			1 1	1
00-Paymnt-015	Recompaction necessary for Installation of Major Foundati	0 100%	08-Jul-19 A		0					1 1 1 1 1 1			1 1			1 1 1 1 1 1	1 1 1
00-Paymnt-016	Recompaction back to Rough Grade after Foundation Insta	0 0%	27-Dec-19	86	0		8										1
Site Civil Works - Water	Farm Milestones	90 100% 28-Feb-19 A	08-Jul-19 A		0						<u></u>		; 			;	
00-Paymnt-018	Installation of Geotextile and Associated Aggregate Comp	0 100%	28-Feb-19 A		0												
00-Paymnt-017	Mass Excavation for Water Farm Area (including Demin Ta	0 100%	28-Feb-19 A		0												
00-Paymnt-019	Recompaction necessary for Installation of Foundations	0 100%	08-Jul-19 A		0												
Site Civil Works - Wareh		48 100% 22-Jul-19 A	15-Oct-19	126	0								1 1		 		
00-Paymnt-022	Recompaction necessary for Installation of Warehouse Fo	0 100%	22-Jul-19 A		0								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		 	. I I I I I	1 1
00-Paymnt-020	Mass Excavation for Warehouse Area - Scope Eliminated t	0 100%	22-Jul-19 A		0												1
00-Paymnt-021	Installation of Geotextile and Associated Aggregate Comp	0 0%	15-Oct-19	126	0	\$										1 1 1 1	1
Bridge Milestones		28 100% 26-Jul-19 A	13-Sep-19 A		0												
00-Paymnt-023	Vehicle Bridge Installation Complete and Approved for Use	0 100%	26-Jul-19 A		0												
00-Paymnt-024	Utility Bridge Installation Complete with CBO Approval	0 100%	13-Sep-19 A		0 💲												

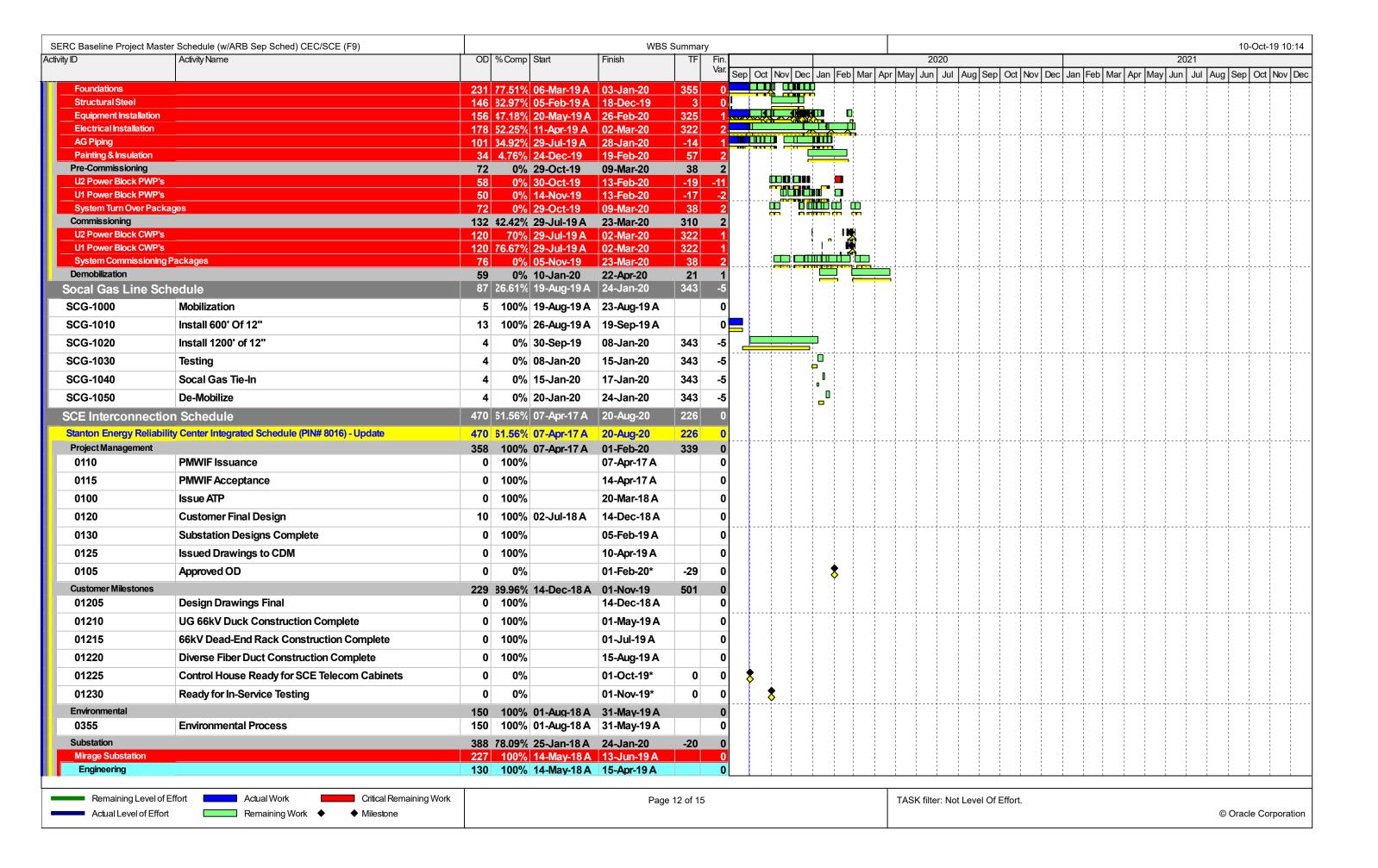
ID	ster Schedule (w/ARB Sep Sched) CEC/SCE (F9) Activity Name	OD	% Comp	Start	WB Finish	TF	Fin	١.							2020						2021			
							Var	r. Sep	Oct 1	lov Dec	Jan F	eb Ma	r Apr I	May Ju	n Jul	Aug Se	ep Oct Nov	Dec Jan F	eb Mar	Apr May	Jun Jul	Aug Sep	Oct N	No
Structural - Major Fou				06-May-19 A	16-Sep-19 A		0)								1 1								
00-Paymnt-028	Ammonia Sump Pit	-	100%		06-May-19 A		0)				-							1					
00-Paymnt-027	Ammonia Tank Foundation and Sump	-	100%		07-Jun-19 A		0)		1		1		1	1				1 1 1					
00-Paymnt-034	CTG2 Foundation Poured		100%		25-Jun-19 A		0)																
00-Paymnt-032	ERU2 Centerline Foundations Formed (including Stack)		100%		08-Jul-19 A		0	2																
00-Paymnt-030	CTG2 Foundation Formed		100%		08-Jul-19 A		0	פו		1		-		1					1					
00-Paymnt-036	ERU2 Centerline Foundations Poured (including Stack)	-	100%		26-Jul-19 A		0	ו								1 1								
00-Paymnt-033	CTG1 Foundation Poured		100%		26-Jul-19 A		0)																
00-Paymnt-031	ERU1 Centerline Foundations Formed (including Stack)	0	100%		26-Jul-19 A		0)																
00-Paymnt-029	CTG1 Foundation Formed	0	100%		26-Jul-19 A		0	ו		1		1		1	1				1 1 1					
00-Paymnt-025	Receipt of all Shop Fab Rebar at Site	0	100%		26-Jul-19 A		0	ו																
00-Paymnt-035	ERU1 Centerline Foundations Poured (including Stack)	0	100%		16-Sep-19 A		0)				į												
00-Paymnt-026	GSU Foundation Poured	0	100%		16-Sep-19 A		0	\$		1		1		 	1				1					
Structural - Minor Fou				06-May-19 A	26-Dec-19	87	0)				‡				¦								
00-Paymnt-038	Demin Water Tank		100%		06-May-19 A		0	2																
00-Paymnt-039	RO Skid		100%		20-Jun-19 A		0)				į												
00-Paymnt-040	Demin Water Skid		100%		28-Jun-19 A		0)		1		1		1	1	! ! ! !			1					
00-Paymnt-043	480 Volt MCC - Water Treatment		100%		02-Jul-19 A		0)																
00-Paymnt-049	Utility Rack Supports	0	100%		17-Jul-19 A		0)													<u> </u>	ļ		
00-Paymnt-046	Utility Bridge Abutments		100%		17-Jul-19 A		0	ו		1		1		1	1	1 I 1 I 1 I			1 1					
00-Paymnt-045	Spread Footings for Roofless Enclosure U2	0	100%		26-Jul-19 A		0	ו											1					
00-Paymnt-048	PDM Columns	0	100%		05-Sep-19 A		0	8																
00-Paymnt-047	Power Distribution Module (PDM) Building Spread Footings	0	100%		16-Sep-19 A		0	8				-							1					
00-Paymnt-044	Spread Footings for Roofless Enclosure U1	0	100%		16-Sep-19 A		0	\$		1		1		1	1				1 1 1					
00-Paymnt-042	Fogging Water Skid U2	0	100%		16-Sep-19 A		0	\$																
00-Paymnt-041	Fogging Water Skid U1	0	100%		16-Sep-19 A		0	\$																
00-Paymnt-051	Switchyard Substation Module Foundation	0	100%		25-Sep-19 A		0	>		1		1		 	1				1					
00-Paymnt-050	Switchyard Support	0	100%		25-Sep-19 A		0	\$								1 1								
00-Paymnt-052	Fuel Gas Compressor Area Foundations	0	100%		26-Sep-19 A		0	8				į												
00-Paymnt-055	CTG2 Miscellaneous Foundations	0	0%		11-Oct-19	127	0)	\$	1		T		7		1				 				
00-Paymnt-057	BESS Switchgear Foundation	0	0%		22-Oct-19	122	0	ו	\$															
00-Paymnt-053	CTG1 Miscellaneous Foundations	0	0%		25-Nov-19	103	0	ו		8														
00-Paymnt-056	ERU2 Miscellaneous Foundations	0	0%		26-Nov-19	102	0)		8				1					1					
00-Paymnt-054	ERU1 Miscellaneous Foundations	0	0%		26-Dec-19	87	0)		8														
00-Paymnt-037	Receipt of Shop Fab Rebar at Site	0	0%		26-Dec-19	87	0)		8		·												
UG Storm Water Syst	tem Milestones	178	92.34%	27-Mar-19 A	21-Feb-20	55	2	2				1		! ! !	1				1			1 1 1 1 1 1		
00-Paymnt-058	Procure Storm Drain Pipe	0	100%		27-Mar-19 A		0									! ! ! !			1					
00-Paymnt-061	Install all other Storm Drain Segments	0	0%		29-Jan-20	69	1	ı			8			1		, I I I I I			1					
00-Paymnt-059	Install Storm Drain Pipe South	0	0%		29-Jan-20	69	1	ı			\$! ! !										
00-Paymnt-059 Remaining Level of	·		U%			69 ge 7 of 15	1	<u> </u>		1	♦	1	<u> </u>	ΓASK fil	Iter: No	t Level (Of Effort.			1		1 1	<u>-</u>	

RC Baseline Project Maste	er Schedule (w/ARB Sep Sched) CEC/SCE (F9)			WBS	Summary	y																10-Oct-	i-19 1
yID	Activity Name	OD	% Comp Start	Finish	TF	Fin. Var.							2020							202			
1						vai.	Sep (Oct No	v Dec J	lan Fe	eb Mar	Apr Ma	/ Jun J	ul Aug	Sep	Oct Nov	Dec Jan	Feb M	ar Apr M	1ay Jun	Jul Aug S	Sep Oct	t Nov
00-Paymnt-062	HydroTest Stormwater Systems	0	0,0	30-Jan-20	68	1		1		\$!	1 1 1 1 1 1				!					!	!
00-Paymnt-060	Install Storm Drain Pipe North	0	0%	21-Feb-20	55	2		 	1 1	-	8		1 1 1 1 1 1	!			!					 	1
UG Piping Installation M			98.26% 26-Apr-19 A	03-Jan-20	83	0		! ! !				!	1 1 1 1 1 1				1					1	1
00-Paymnt-063	Procure Underground Pipe	0	100%	26-Apr-19 A		0		1					1 1	1									
00-Paymnt-065	Install Demin Water pipe	0	100%	17-Jun-19 A		0			_						<u> </u>			<u> </u>					
00-Paymnt-064	Install Natural Gas pipe	0	0%	30-Dec-19	86	0			\$													1	
00-Paymnt-066	Install Fire Main	0	0%	31-Dec-19	85	0			\$														
00-Paymnt-067	HydroTest Underground Piping Systems	0	0%	03-Jan-20	83	0			\$														
UG Ground Grid Milesto	ones	95	52.94% 26-Jun-19 A	19-Dec-19	90	0		į															
00-Paymnt-069	Installation of Ground Grid - Switchyard Substation Area	0	100%	26-Jun-19 A		0		į						į									
00-Paymnt-072	Installation of Ground Grid - Water Farm Area	0	100%	26-Jul-19 A		0																	
00-Paymnt-071	Installation of Ground Grid - Power Island 2	0	100%	26-Jul-19 A		0																	
00-Paymnt-068	Procure Ground Grid	0	100%	26-Jul-19 A		0		1		-			1 1 1 1 1 1			1 1	!			1 1		1	
00-Paymnt-075	Installation of Ground Grid - Remainder	0	0%	30-Sep-19	135	0	*	 		!			1 1 1 1 1 1	 			1					 	1
00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear Area	0	0%	20-Nov-19	106	0				-			1 1 1 1 1 1	!			!					 	1
00-Paymnt-070	Installation of Ground Grid - Power Island 1	0		22-Nov-19	104	0																	
00-Paymnt-074	Installation of Ground Grid - Perimeter	0		19-Dec-19	90			•	\$											1 1			
Unit Substation Milesto		40		11-Dec-19	95	^			\Q														
00-Paymnt-080	Switchyard, Substation: Protection Module		100%	30-Aug-19 A	95	0																!	
00-Paymnt-076	Set GSU		100%	04-Sep-19 A		0	•																
00-Paymnt-077	GSU Dress Out Complete	0		11-Sep-19 A			\$																
00-Paymnt-078	GSU Auxiliary Connections Complete	-	0%	12-Nov-19	110		\Q	•															
	-	0					-	♦					1 1 1 1 1 1	1		1 1	!			1 1		1	1
00-Paymnt-081	High Voltage Protective Relay Testing Complete	0	- 7.5	11-Dec-19	95	U		1	\$	-			1 1 1 1 1 1			1 1	!			1 1		1	1 1
00-Paymnt-079	All other 66 kV Apparatus Installed and Conductors Connec	0		11-Dec-19	95	0		1 1 1	\$	-		1	1 1 1 1 1 1	 		1 1	1			1 1		 	1
	tting and Installation Milestones		28.13% 19-Sep-19 A	13-Nov-19	110	0																	
00-Paymnt-083	CTG1 - Install Base Plates	-	100%	19-Sep-19 A		0	~	!		-				1								1	
00-Paymnt-084	CTG1 - Level CTG Frame	0	100%	27-Sep-19 A		0	l Ya			:		!	1 1 1 1 1 1				!					!	1
00-Paymnt-088	CTG1 - Install VBV Ducting	0	0%	10-Oct-19	128	0		5		-			1 1 1 1 1 1	!			!					1 1 1	1
00-Paymnt-082	CTG1 - Shake Out CTG Parts	0	0%	10-Oct-19	128	0		\$!	1 1 1 1 1 1				1					1	1
00-Paymnt-089	CTG1 - Install Air Filter Housing	0	0%	15-Oct-19	126	0		\$					1 1	1									
00-Paymnt-086	CTG1 - Install Air Intake Trans Ducting	0	0%	15-Oct-19	126	0		\$															
00-Paymnt-092	CTG1 - Final Wipe Down Air Inlet	0	0%	21-Oct-19	122	0		\$															
00-Paymnt-090	CTG1 - Air Housing Internals	0	0%	21-Oct-19	122	0		8															
00-Paymnt-085	CTG1 - Internal Final Alignment Checks	0	0%	22-Oct-19	122	0		\$; ; ;	
00-Paymnt-087	CTG1 - Install Generator Vent Ducting	0	0%	05-Nov-19	114	0		*	1 1 1 1 1 1	-		1	1 1 1 1 1 1	 		1 1	1			1 1		 	1
00-Paymnt-093	CTG1 - GE Signoff	0	0%	13-Nov-19	110	0		\$															
00-Paymnt-091	CTG1 - Final Check and Grout	0		13-Nov-19	110			•					1 1 1 1 1 1	1			1					1	1
-	tting and Installation Milestones		18.18% 27-Sep-19 A	29-Oct-19	118	٥		~		į													
	CTG2 - Level CTG Frame		100%	27-Sep-19 A	110	0	•	!		1												 	
	The state of the s	1		•			ıY	- 1	1 1	1	1 1	1	1 1	1	1 1	1 1	1		1 1			į	-
00-Paymnt-096 00-Paymnt-095	CTG2 - Install Base Plates	0	100%	27-Sep-19 A		0	*			-					1 1							i	1

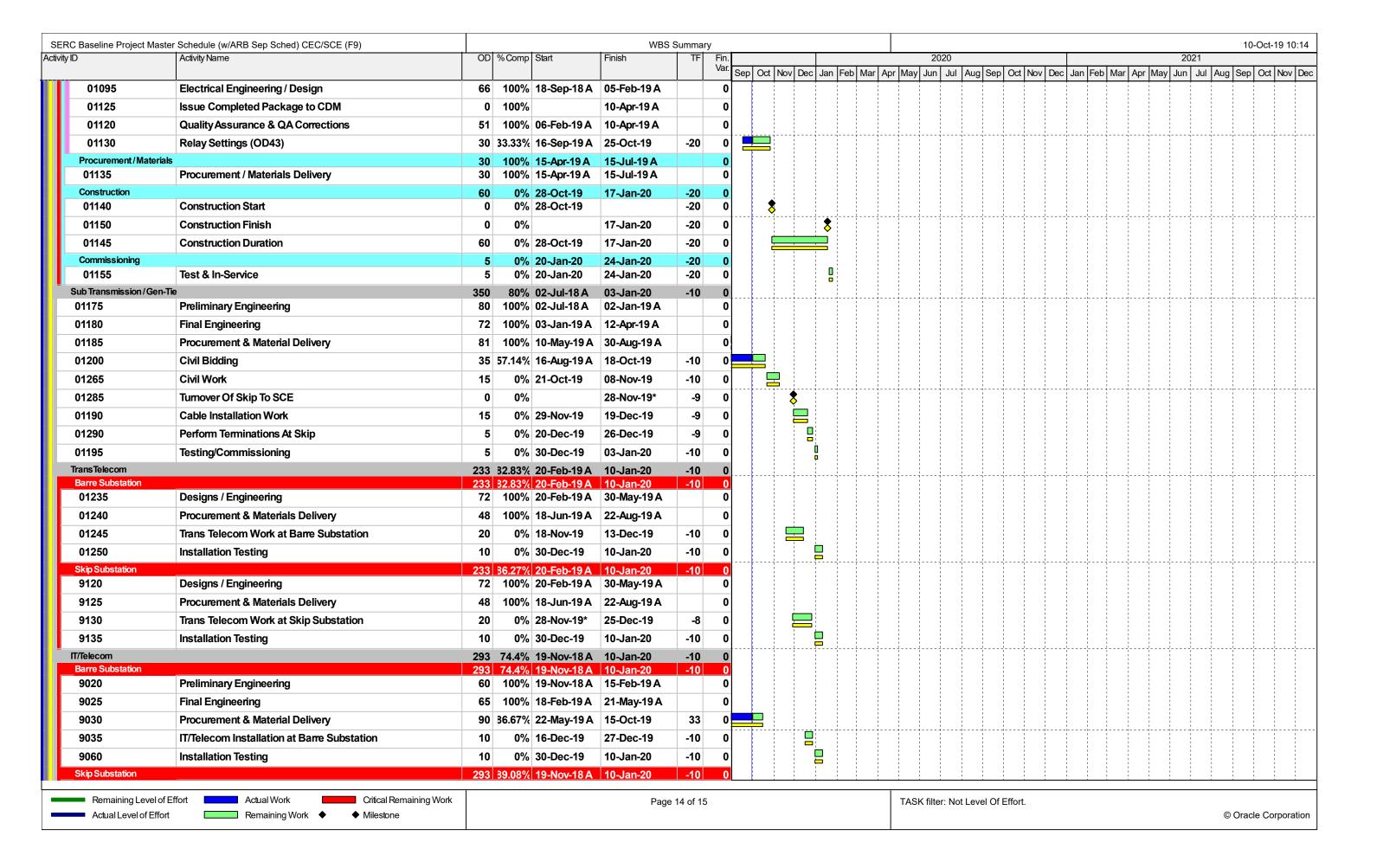
	er Schedule (w/ARB Sep Sched) CEC/SCE (F9)	OD W Comen Of the		Summary					0000					04	10-Oct-19 10
ID	Activity Name	OD % Comp Start	Finish	TF	Fin. Var. Se	ep Oct	Nov E	Dec Jan Feb Mar A	2020 pr May Jun J	ep Oct Nov	Dec Jan Fel	o Mar Apr	20 May Jun		Sep Oct Nov
00-Paymnt-094	CTG2 - Shake Out CTG Parts	0 100%	27-Sep-19 A		0	8			' '	·		+ + + +			
00-Paymnt-100	CTG2 - Install VBV Ducting	0 0%	03-Oct-19	132	0	8	1 1 1 1 1 1		1 1 1 1 1 1 1 1 1				1 1 1 1 1 7 1 1 1		1 1 1 1 1 1
00-Paymnt-101	CTG2 - Install Air Filter Housing	0 0%	08-Oct-19	130	0	\$									
00-Paymnt-098	CTG2 - Install Air Intake Trans Ducting	0 0%	08-Oct-19	130	0	8									
00-Paymnt-097	CTG2 - Internal Final Alignment Checks	0 0%	08-Oct-19	130	0	8							1 1 1 1 1 1 1 1		
00-Paymnt-104	CTG2 - Final Wipe Down Air Inlet	0 0%	14-Oct-19	126	0	\$	 			 					
00-Paymnt-102	CTG2 - Air Housing Internals	0 0%	14-Oct-19	126	0	8									
00-Paymnt-099	CTG2 - Install Generator Vent Ducting	0 0%	22-Oct-19	122	0	\$									
00-Paymnt-105	CTG2 - GE Signoff	0 0%	29-Oct-19	118	0	•			1 1 1 1 1 1 1 1 1		1 1		1 1 1 1 1 1 1 1 1		
00-Paymnt-103	CTG2 - Final Check and Grout	0 0%	29-Oct-19	118	0	•									
<u> </u>	ting and Installation Milestones	34 0% 27-Dec-19	26-Feb-20	53	1					 		4	{{		
00-Paymnt-107	ERU1 - Insulation and Liner Plates	0 0%	27-Dec-19	86	0			\$							
00-Paymnt-106	ERU1 - Complete Field Bolt Up and all Sections Set	0 0%	27-Dec-19	86	0		, i	8							
00-Paymnt-108	ERU1 - Field Load Catalyst	0 0%	26-Feb-20	53	1			*					1 1 1 1 1 1 1 1		
ERU2 Components Sett	ting and Installation Milestones	90 8.93% 06-Sep-19 A	25-Feb-20	54	2										
00-Paymnt-112	Set Fuel Gas Compressor Equipment	0 100%	06-Sep-19 A		0 🕏										
00-Paymnt-113	Set Demin Area Equipment	0 100%	13-Sep-19 A		0 💲										
00-Paymnt-119	Ammonia Tank	0 100%	16-Sep-19 A		0 8	1									
00-Paymnt-118	Set Ammonia Forwarding Skid	0 100%	16-Sep-19 A		0	,	1 1 1 1 1 1		1 1 1 1 1 1 1 1 1						
00-Paymnt-114	Set PDM and Control Modules	0 100%	26-Sep-19 A		0	8									
00-Paymnt-115	Set CTG Aux Skids	0 0%	30-Sep-19	135	0	8				 					
00-Paymnt-110	ERU2 - Insulation and Liner Plates	0 0%	20-Nov-19	106	0		\$		1 1 1 1 1 1 1 1 1		1 1		1 1 1 1 1 1 1 1 1		
00-Paymnt-109	ERU2 - Complete Field Bolt Up and all Sections Set	0 0%	20-Nov-19	106	0		*								
00-Paymnt-116	Set ERU Aux Skid - Ammonia Vaporization Skids	0 0%	03-Jan-20	83	0		~	*							
00-Paymnt-117	Set CEMS Buildings	0 0%	06-Jan-20	82	0			*			i i i i i i i i i i i i i i i i i i i				
00-Paymnt-111	ERU2 - Field Load Catalyst	0 0%	25-Feb-20	54	2		 			 			1 1 1		
Demin Water Tank Miles	-	21 100% 23-Sep-19 A	04-Nov-19	114	0			Y							
00-Paymnt-120	Demin Water Tank Materials Delivered at Site	0 100%	23-Sep-19 A		0	8									
00-Paymnt-121	Demin Water Tank Installation Complete	0 0%	04-Nov-19	114	0		8		1 1 1 1 1 1 1 1 1				1 1 1 1 1 7 1 1 1		
AG Piping Installation Mil	ilestones	54 2.94% 30-Aug-19 A	27-Jan-20	70	1										
00-Paymnt-122	Procurement of AG Pipe Materials and Receipt of 100% Ve	0 100%	30-Aug-19 A		0										
00-Paymnt-126	Rack and Utility Bridge Piping (Demin Water)	0 100%	16-Sep-19 A		0 \$,									
00-Paymnt-124	Demin Water @ CTG1 and CTG2	0 0%	18-Oct-19	123	0	\$					1 1				
00-Paymnt-129	Natural Gas System Piping	0 0%	23-Oct-19	121	0	\$									
00-Paymnt-123	Lube Oil Piping CTG1 and CTG2	0 0%	24-Oct-19	120	0	\$									
00-Paymnt-125	Demin Water @ Tank Area	0 0%	25-Oct-19	119	0	\$	i i - :			 			ii		
00-Paymnt-128	Ammonia System Piping	0 0%	07-Jan-20	82	0		1 i 1 i 1 i	\$							
00-Paymnt-127	CTG Package Drain System	0 0%	27-Jan-20	70	1			8							
Electrical Procurement	-	59 22.97% 16-Sep-19 A	02-Jan-20	84	0		1 1 1 1 1 1	The state of the s			1 1				1 1
00-Paymnt-134	Fabricated Structural Steel Procurement (Received on Site	0 100%	16-Sep-19 A		0 \$,									

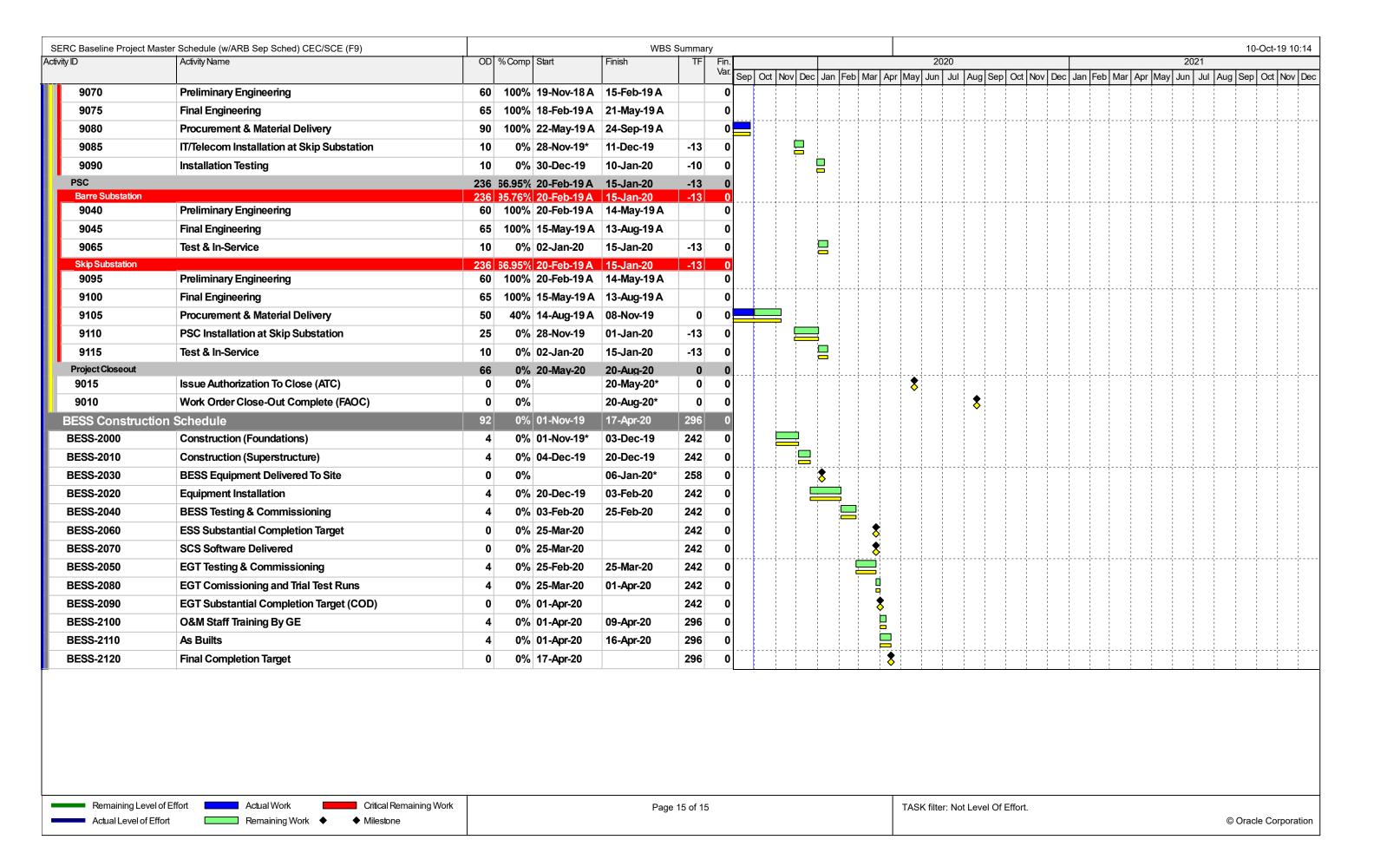
·ID	.c roject madic	r Schedule (w/ARB Sep Sched) CEC/SCE (F9) Activity Name	OD	% Comp	Start	Finish	Summai	Fin.							2020						2021	10-1	-Oct-19
				ľ				Var.		ct Nov [Dec J	an Feb	Mar Apı	May		Aug S	ep Oct Nov	Dec Jan	Feb Mar	Apr May		Aug Sep	Oct N
00-Pa	aymnt-130	Cable Tray Procurement (Received on Site 100%)	0	100%		16-Sep-19 A		0	8							1 -							
00-Pa	aymnt-131	AG Conduit Procurement (Received on Site 100%)	0	0%		09-Oct-19	130	0	8		i !												
00-Pa	aymnt-132	13.8 kV Cable Procurement (Received on Site 100%)	0	0%		11-Dec-19	96	0			x		!		1								
00-Pa	aymnt-133	480 V Cable Procurement (Received on Site 100%)	0	0%		02-Jan-20	84	0			* 🖢												
	lium Voltage Mile		54		08-Oct-19	16-Jan-20	76				Ĭ												
	aymnt-145	U1 MV - Cable Tray Installed	0	0%		08-Oct-19	130	0	\$														
00-Pa	aymnt-135	U1 MV - Set 15 kV Switchgear 1	0	0%		02-Dec-19	101	0		\$			-		1			1				1 1 1 1 1 1 1 1 1	
00-Pa	aymnt-146	U1 MV - AG Conduit Installed	0	0%		10-Dec-19	96	0		1	\$		((((
00-Pa	aymnt-139	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, li	0	0%		17-Dec-19	92	0			\$												
00-Pa	aymnt-137	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, In	0	0%		17-Dec-19	92	0		1 1	\$												
00-Pa	aymnt-140	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, T	0	0%		27-Dec-19	86	0			<u>*</u>								;				
	aymnt-138	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Te	0			27-Dec-19	86				*		1		1								
	aymnt-136	U1 MV - Set 480 V Aux Xfmr 1	0	0%		30-Dec-19	86				*												
	aymnt-143	U1 MV - 15 kV Switchgear Protective Relay Testing Comple	0			31-Dec-19	85				• •												
	aymnt-141	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V A	0			07-Jan-20	82				•												
	aymnt-142	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VA	0			15-Jan-20	77				•	•									 		
	aymnt-144	-	0			16-Jan-20	76					\$	-		1								1 1
<u> </u>	dium Voltage Mile	U1 MV - 480 V Xfmr 1 Protective Relay Testing Complete						0				>											
	aymnt-157	U2 MV - Cable Tray Installed	53 0	0%	08-Oct-19	15-Jan-20 08-Oct-19	77 130	0	*														
	aymnt-147	U2 MV - Set 15 kV Switchgear 2	0	0%		22-Oct-19	122	0	\	8	i												
	aymnt-151	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, li	0			02-Dec-19	101	0		•											 	i i i i i i i i i i i i i i i i i i i	
	aymnt-149	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, In	0			02-Dec-19	101	0		♦					1								
	ayınını-149 aymnt-152	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, T	0			16-Dec-19	93	0		\Q	•												
								0			♦												
	aymnt-150	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Te	0			16-Dec-19	93				\$												
	aymnt-155	U2 MV - 15 kV Switchgear Protective Relay Testing Comple	0			19-Dec-19	90		 		\$;
	aymnt-158	U2 MV - AG Conduit Installed	0	0,0		24-Dec-19	88			1 1 1 1 1 1	8		-		1 1 1			1					
	aymnt-148	U2 MV - Set 480 V Aux Xfmr 2	0	0%		30-Dec-19	86				▼				1						 		
00-Pa	aymnt-153	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V A	0			07-Jan-20	82	0			8												
00-Pa	aymnt-154	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V A	0	0%		14-Jan-20	78	0	1		- 1	,											, i
00-Pa	aymnt-156	U2 MV - 480 V Xfmr 2 Protective Relay Testing Complete	0	0%		15-Jan-20	77	0				\$					i i i	; ; ;		i i ! ! ! !	i i I I I I		i
	Medium Voltage N		13		17-Dec-19	10-Jan-20	79	0							1								
	aymnt-159	BESS MV - Set 15 BESS 15 kV Switchgears	0	0%		17-Dec-19	92	0	4		\$												
	aymnt-162	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to	0			03-Jan-20	83		4		8												, , , , , , , , , , , , , , , , , , ,
	aymnt-160	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to	0			06-Jan-20	82	0			ŏ				1								
	aymnt-163	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to	0			08-Jan-20	81	0	1		8										 		1 1 1 1
	aymnt-161	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to	0			09-Jan-20	80	0	1		8				!								
00-Pa	aymnt-164	BESS MV - 15 kV Switchgear Protective Relay Testing Con	0	0%		10-Jan-20	79	0			2												
	System Mileston		50		02-Oct-19	03-Jan-20	83	0															, , , , , , , , , , , , , , , , , , ,
00-Pa	aymnt-165	4160 V System - Set 13.8 kV-4160V Xfmr	0	0%		02-Oct-19	133	0	<u>\</u>		i !		i		1				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>





	aster Schedule (w/ARB Sep Sched) CEC/SCE (F9)			Summary							10-Oct-19 10
ly ID	Activity Name	OD % Comp Start	Finish	TF Fir Va			2020			2021	
01005	Preliminary Engineering	50 100% 14-May-18 A	30-May-18 Δ		Sep Oc	ct Nov Dec Jan Feb Mar A	Apr May Jun Jul Aug	Sep Oct Nov Dec	Jan Feb Mar Apr	May Jun Jul A	ug Sep Oct Nov
01170	Final Engineering	80 100% 07-Aug-18 A	-		<u></u>						
Construction	I man Engineering	34 100% 16-Apr-19 A	-								
01015	UFLS Work Start	0 100% 16-Apr-19 A	31-Way-13A		ง						
01025	UFLS Work Finish	0 100%	31-May-19 A		ว						
01020	UFLS Work	34 100% 16-Apr-19 A			3					;	
Commissioning		10 100% 31-May-19 A	-		5					1 1 1 1 1 1 1 1 1 1	
01000	Test & In-Service	10 100% 31-May-19 A			נ						
_	s at Barre Substation (SAP# 902360074)	350 75.71% 14-May-18 A		-20	<u>J</u>						
Engineering Preliminary Engine	poring	145 100% 14-May-18 A			<u></u>					, i i i i i i i i i i i i i i i i i i i	
01030	Preliminary Engineering	20 100% 14-May-18 A 20 100% 14-May-18 A			0					J	
Final Engineering /	, ,	145 100% 04-Sep-18 A			5						
01050	Final Engineering / Designs	34 100% 17-Dec-18 A	-		<u>,</u>						
01045	Structural Engineering / Design	100 100% 04-Sep-18 A	05-Feb-19 A		ว					; I I I I I I I I I I I I I I I I I I I	
01040	Civil Engineering / Design	47 100% 03-Dec-18 A	05-Feb-19 A)						
01035	Electrical Engineering / Design	66 100% 18-Sep-18 A	05-Feb-19 A		ว ี						
01060	Qualitiy Assurance Review	23 100% 06-Feb-19 A	08-Mar-19 A		ว						
01255	Issue Structural Steel Package to CDM (SAP# 902306533)	0 100%	28-Mar-19 A		ว					i I I I I I I I I I I I I I I I I I I I	
01070	QACorrections	25 100% 11-Mar-19 A			ง						
01065	Issue Completed Package to CDM	0 100%	10-Apr-19 A)						
Procurement/Mate		198 100% 21-Nov-18 A	•		5					i i i i i i i i i i i i i i i i i i i	
01100	RE to Submit Major Material Order (CB)	0 100%	21-Nov-18 A		נ						
01085	Issue PO for Circuit Breaker	0 100%	03-Dec-18 A		ว						
01115	CB Delivered	0 100%	30-Aug-19 A		ว เ						
01110	Procurement / Material Delivery	125 100% 03-Dec-18 A	30-Aug-19 A		J					;	
Construction		154 48.05% 03-Jun-19 A	17-Jan-20	-20	٥						
01270	Summer Load and High Line Loading Period	100 80% 03-Jun-19 A	25-Oct-19	-20	ו						
01280	3ABank in Position 10 Offline	0 0%	15-Nov-19	-20	ז	\$					
01275	Outage Request	15 0% 28-Oct-19	15-Nov-19	-20	נ					;	
01078	Construction Start	0 0% 18-Nov-19		-20	וֹ	\$					
01260	Install Structural Steel for 66kV Switchrack Position# 10 (S	20 0% 18-Nov-19	13-Dec-19	5 (וֹכ						
01165	Construction Finish	0 0%	17-Jan-20	-20	ַר <u>י</u>	\$				i I I I I I I I I I I I I I I I I I I I	
01075	Built and Test Position 11	45 0% 18-Nov-19	17-Jan-20	-20	ว						
Commissioning		5 0% 20-Jan-20	24-Jan-20	-20	ر ار					. ! ! !	
01080	Test & In-Service	5 0% 20-Jan-20	24-Jan-20	-20	נ						
	lities at Barre Substation (SAP# 902360075)	388 78.09% 25-Jan-18 A		-20							
Engineering Preliminary Engine	eerina	323 93.81% 25-Jan-18 A 21 100% 25-Jan-18 A		-20							
01090	Preliminary Engineering	21 100% 25-Jan-18 A			נ						
Final Engineering /		302 93.38% 04-Sep-18 A		-20)						
01105	Structural Engineering / Design	70 100% 04-Sep-18 A			נ						1 1 1 1 1 1 1 1 1
Remaining Level	I of Effort Actual Work Critical Remaining Work						T	l Of Effort.			





Attachment 2 – COM-5 Compliance Matrix

	А	В	C	D	E	F	G	Н	1	J	K	L	М	N	0	P	Q	R	S	T	U
		Energy	/ Reliabi	ity Center Compliance Matrix (16	-AFC-01)								CBO Color Code:		Pre-Construction						
2 All	Phases							6/30/2040							Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
Tec Res	hnical ource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
6				Monthly fimissions Limits - See Decision for specific remission fimits by pollutan (MDX, CD, VD, PMID, 9M2.5, SOJ). See Decision AQA1 also for rules regarding the for commencement of perstand. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	able to supply electrical energy to the power gird as required under contract with the relevant entities. The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	The SCAQMO shall be notified in writing once the commissioning process for each turbine is completed.	When commissioning is complete	3/26/2020		Not Started							SCAQMD			SERC	DSR
7				Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PMID, PM2-S, SQA), See Decision AQA-14 sof or rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.		The project owner shall provide emissions summary data in compliance with his condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started							SCAQMD			SERC	DSR
. 8		AQ-A1.c		Monthly femissions Limits - See Decision for specific mission finist by pollutar (NDX, CQ, VQ, PMID, PM2, S, 90.3). See Decision AQA1 also for rules regarding the for commercement of persiston. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	Maintain for a minimum of 5 years	N/A	N/A		Not Started										SERC	DSR
9		AQ-A2	OPS	Annual Enisations Limits - See Decision for specific mission limits by Jouliant (NDX, CO, PM10, PM2.5, SOJ). See Decision AQA 1 also for rules regarding the for commencement of persarian. See Decision for rules on emissions adulations during the transition from Commissioning to Operation.	records to demonstrate compliance with kino condition and shall make such records available to the SCOMMO Executive Officer upon request from the condition of	Quarterly Operation Reports (AQ-SC7)	Annually, no later than 30 days letter end of the 4th quarter (See AQ-SC7)	Annually		Not Started										SERC	DSR
10		AQ-A2.a		Annual Emissions Limits - See Decision for specific mission limits by pollutan (BVA, CO, VC, PMID, PM2, S, 50.3). See Decision AQA1 also for rules regarding the for commencement of portation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	records to demonstrate compliance with the condition and shall make such records available to the Schot Piller upon request value for the Schot Piller upon request of the condition of the schot Piller upon request of the schot Piller upon records and schot piller upon request of the schot Piller	Maintain for a minimum of 5 years	N/A	N/A		Not Started										SERC	DSR
11				2.3 EPRAV NOx Limit Averging - The 2.5 EPRAV NOx mission fillist) is averged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)[1]-BACT, 12-6-2002] (Devices subject to this condition: D1, D7)	compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
12	AQ	AQ-A4	COM/OPS	4.0 PPMV CO Limit Averaging - The 4.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(e)[1-BACT 15-0-1906; RULE 1303(e)[1-BACT 12-6-2002] [Devices subject to this condition: 01, 07]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR

	Α	В	C	D	E	F	G	Н		J	K	L	М	N	0	Р	Q	R	S	T	U
			y Reliab	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre-Construction						
2	All Phase	!S				1		6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
13.	AQ	AQ-A5		2.0 PPMV VOC Limit Averaging - The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(e)(1)-BACT, 15-10-1996; RULE 1303(e)(1)-BACT, 12-6-2002] [Devices subject to this condition: 01, 107]	records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
14	AQ	AQ-A6	COM/OPS	28 PPMV Nox Limit Averaging - The 25 PPMV NOx emission limit[5] is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [40 CFR 60 Subpart KKKK, 76-2006] [Devices subject to this condition: D1, D7.	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
15	AQ			Combustion Contaminant Emissions - For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time. (RULE 475, 10-8-1976, RULE 475, 8-7-1978) [Devices subject to this condition: DJ, D7]	records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
	AQ	AQ-A8	COM/OPS	NH4_Limit Averaging - The 5.0 PPMV NH4_emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 silp concentration. (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH4 calculation.	The project owner shall install, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan.	Monitoring Plan	Prior to the installation the project owner shall submit a monitoring plan to the CPM for review and approval.			Not Started										SERC	DSR
16	AQ	AQ-A8.a	COM/OPS	limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and	Install, calibrate, maintain, and the monitoring system according to a bistrict-approved monitoring plan. The project owner shall include exceedances of the hourly ammonis slip limit and calibration reports as part of the Quarterly Operation Reports (AQ-SCT).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-5C7)	Quarterly		Not Started										SERC	DSR
	AQ	AQ-A8.b	COM/OPS	NAS Limit Averaging: The S.D PRWV NISt emission firm it is weraged over one hour, dry basis, at \$5 percent organ. The project owner shall calculate and continuously record the NIVI slip concentration. (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NIVI calculation equation.	The project owner shall install and maintain a NOx analyzer to measure the SCR inlet NOx ppm accurate to within plan to remain a percent calibrated at least once control to the project of the state of	Calibrate SCR inlet Nox analyzer	Once every 12 months	Annually		Not Started										SERC	DSR
19	AQ			IAS Limit Averaging. Concentration limit is an enual serving based on months sample or hardrat glas composition or gas supplier documentation. The project owner shall not use natural gas containing the following specified compounds: H ₂ S > 0.25 Grains per 100 SCF	documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ- SC7). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
20	AQ	AQ-C1		Start-up Limitations: Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	Provide records including a table documenting the type of startup, duration and date of occurrence. Monthly Reports to be included in the Quarterly Operations Reports (AQ-SC7)	Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
21	AQ	AQ-C1.a	COM/OPS	Start-up Limitations - Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	records to demonstrate compliance with this condition and shall make such records	The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD.	N/A	N/A		Not Started										SERC	DSR
22	AQ	AQ-C2	COM/OPS	Shutdown Limitations - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	Provide records including a table documenting each shutdown, and indicating the duration and date of occurrence. "Monthly reports to be included in Quarterly Operation Reports. (AQSC7)	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR

	Α	В	C	D	E	F	G	Н		J	К	L	М	N	0	P	Q	R	S	T	U
			y Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2	All Phas	es						6/30/2040							Construction		-				
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
23	AQ			Shutdown Limitations - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	The project owner shall maintain records in a manner approved by the District to demonstrate compliance with this condition and the records shall be made available to District personnel upon request.	maintained for a minimum of 5 years in a manner approved by SCAQMD.	N/A	N/A		Not Started										SERC	DSR
24	AQ	AQ-C3	COM/OPS	Pressure Relief Valve Requirements - The project owner shall install and maintain a pressure relief valve set at 2.3 psig.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
25	AQ			initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	District approval of the source test protocol, but no later than 180 days after initial start-up.	N/A	N/A	N/A												SERC	DSR
26	AQ			Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	approval.	Proposed source test protocol.	Submit protocol 90 days before test date to CPM.	9/30/2020		Not Started										SERC	DSR
27	AQ	AQ-D1b		commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	Submit test protocol to District for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to Air District.	9/30/2020		Not Started							SCAQMD			SERC	DSR
28	AQ	AQ-D1c		Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	approval.	Proposed source test protocol.	Notify CPM of proposed date and time 10 days prior to test date.	10/28/2019 2/5/2020		Not Started										SERC	DSR
29	AQ			Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	Submit test protocol to District for approval.	protocol.	Notify Air District of proposed date and time 10 days prior to test date.	10/28/2019 2/5/2021		Not Started							SCAQMD			SERC	DSR
30	AQ	AQ-D2	COM/OPS	Operations Source Test - Owner must conduct air population source tests for SX, VCQ, and PARLI once every three years. See Decision for methods, wereging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The test(s) shall be conducted at least once every three years. The project owner shall test according to the original protocol or testing conditions are produced, but he produced, but he produced, but he produced, but he produced to the produced for the source tests on later than 45 keys prior to the proposed source test date to both the District and CPM for approval.	N/A	N/A	#VALUE!		Not Started				SCAQMD						SERC	DSR
31	AQ			pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	proposed), test result report	Submit protocol 45 days before test date to Notify CPM	3/19/2020		Not Started										SERC	DSR
32	AQ.			Operations Source Test - Owner must conduct air pollutiant source tests for SOX, VOC, and PATLO once every three years. See Decision for methods, averagin times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	proposed), test result report	Submit protocol 45 days before test date to Notify District	2/18/2021		Not Started							SCAQMD			SERC	DSR
33	AQ			Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PMAID once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	and CPM. Source test results to District and CPM	protocol (if proposed), test result report	Submit results 60 days after the test. Notify CPM	7/2/2020		Not Started										SERC	DSR
34	AQ	AQ-D2d	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PMOI once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	protocol (if	Submit results 60 days after the test. Notify District	6/3/2021		Not Started							SCAQMD				

П	A	В	С	D	E	F	G	н		1	К	T .	м	N	0	Р	0	R	s	Т	U
П			_	ity Center Compliance Matrix (16-	AFC-01)					· ·		Ì	CBO Color Code:		Pre- Construction		,			·	Ů
	All Phas			,	. ,			6/30/2040							Construction						
3				Revised 4/30/2019		Based on Final	Staff Assessment								Commissioning						
_				Nevisea 4/30/2019											Operations						
5	Technical Resource	Cond. # AQ-D2e	Phase COM/OPS	Description Operations Source Test - Owner must conduct air	Verification/Action/Submittal The project owner shall notify the	Submittal The project owner	Date Submittal is Required Notify CPM 10 days	Due Date 5/3/2020	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) Not Started	Date Approved by CPM	Condition Amended Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR
26				pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of	District and CPM no later than 10 days prior to the proposed initial	shall notify the District and CPM no later than	before the test of	3,4,													
36	AQ	AQ-D2f			source test of the date and time		Notify District 10 days before the test of date and time. Test every three years.	5/3/2020		Not Started							SCAQMD			SERC	DSR
	AQ	AQ-D3a		source tests for NH ₁ quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	according to the original protocol. If changes to the testing methods	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to CPM	4/4/2021		Not Started										SERC	DSR
38	AQ	AQ-D3b		NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	proposed, then the project owner shall submit a revised protocol for the source tests no later than 45	proposed), test result report	Submit protocol 45 days before test date to District	4/4/2021		Not Started							SCAQMD			SERC	DSR
39	AQ			source tests for NH ₃ quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to CPM	7/18/2021		Not Started										SERC	DSR
40	AQ	AQ-D3d	COM/OPS		The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to District	7/18/2021		Not Started							SCAQMD			SERC	DSR
41	AQ	AQ-D3e	COM/OPS	source tests for NH ₃ quarterly during first 12 months of	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	notified of the date and time of the test at	The project owner shall notify the CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	5/19/2021		Not Started										SERC	DSR
42	AQ	AQ-D3f		NHS Source Test - Owner must conduct air politizant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	notified of the date and time of the test at	The project owner shall notify the District no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	5/19/2021		NotStarted							SCAQMD			SERC	DSR
43	AQ			source tests for NH, quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The test shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter.	N/A	N/A	Quarterly/Annual		Not Started										SERC	DSR
44	AQ	AQ-D4		basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	The CEMS shall be installed and operating no later than 90 days and after initial start-up of the turbing, and in accordance with an approved SCAQMD Rule 2 18 CEMS plan application. The project owner shall not install the CEMS prior to receiving initial approval from SCAQMD.	N/A	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved SCAQMD Rule 218 CEMS plan application.	12/12/2019		Not Started										SERC	DSR

	Α	В	C	D	E	F	G	Н			К	L	М	N	0	P	Q	R	S	T	U
1	Stanto	n Energy	y Reliabil	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre-Construction						
2	All Phase	es				-		6/30/2040							Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
5	Technical Resource	Cond.# AQ-D4a	Phase	Description CEMS for CO - Install a CEMS to measure CO	Verification/Action/Submittal	Submittal	Date Submittal is Required Submit approved	Due Date 3/11/2020	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) Not Started	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR
45	AQ	AQ-D4a		concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	The project owner shall submit the SCAMOM paproved CEMS plan to the CPM within 90 days of SCAQMO approval. The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	3/11/2020		NotStarted										SERC	DSR
46	AQ			basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	shall be completed and submitted to the SCAQMD within 90 days of the conclusion of the turbine commissioning period.		Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/9/2020		Not Started										SERC	DSR
47	AQ			conversion rate formula.	and in accordance with an approved CEMS certification application submitted in compliance with 40 CFR Part 50 Subpart KMCK and 40 CFR Part 75. The project owner shall not install the CEMS prior to receiving initial approval from SCAQMD.		The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine			Not Started										SERC	DSR
48	AQ			basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	3/11/2020		Not Started										SERC	DSR
49	AQ	AQ-D5b		basis to demonstrate compliance with BACT limit of 4.0	The project owner shall submit the SCAMOM paproved CEMS plan to the CPM within 90 days of SCAQMO approval. The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/9/2020												SERC	DSR
8	AQ	AQ-D6a		Meter for NH ₂ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₂). The flow meter must be accurate to 4'-5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Prior to first fire	2/5/2020		Not Started										SERC	DSR
51	AQ			total hourly flow/throughput of injected ammonia (NH ₃). The flow meter must be accurate to 4-5 percent and califorated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	between 12 and 200 pounds per hour (except during startups and shutdowns). Documentation demonstrating compliance in Quarterly Operations Report (AQ-SC7), including table of shutdowns.	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
52	AQ			Meter for NH ₂ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₂). The flow meter must be accurate to 4/-5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Once every 12 months	Annually		Not Started										SERC	DSR
53	AQ			Meter for NH ₂ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₂). The flow meter must be accurate to +/-5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission. (See also AQ-D4)		N/A	Conditional		Not Started										SERC	DSR
54	Q	AQ-D7a		SCR Temperature Gauge - Install a gauge to measure temperature of the CR reactor intel. Temperature of the CR reactor intel. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/-5 percent and calibrated once per 12 months. Maintain SCR/ICO catalyst linet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Prior to first fire	2/5/2020		Not Started										SERC	DSR

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1 Stan	on E	nergy	/ Reliabi	lity Center Compliance Matrix (16	-AFC-01)								CBO Color Code:		Pre- Construction						
2 All Ph		3,		, , , , , , , , , , , , , , , , , , , ,				6/30/2040							Construction						
3						Paced on Final S	taff Assessment								Commissioning						
4	+			Revised 4/30/2019		Based on Final S	tarr Assessment								Operations						
Technic Resour	.e	ond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
AQ	AC	Q-D7b	COM/OPS	SQR Temperature Gauge - Install a gauge to measure temperature of tax CR reactor intel. Temperature should be recorded once per hour and calibrated based on the everage of the continuous nomitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst infet temperature between 460 and 825 degrees F (except during startups and shutdowns).	Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns). The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SCP), including table of shutdowns.	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ.	AC	Q-D7c	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to 4/-5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Cafibrate SCR Inlet temperature gauge	N/A	Once every 12 months	Annually		Not Started										SERC	DSR
AQ.				SCR Temperature Gauge - Install a gauge to measure temperature of the SCR seator inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to 4/-5 percent and calibrated once per 12 months. Maintain SCR/CO catabyt inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Quarterly Operations Report (AQ-SC7)	Once every 12 months	Annually		Not Started										SERC	DSR
AQ.	AC	Q-D7e	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR enctor install. Temperature stoke the SCR enctor install. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to 4 + 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inside temperature between 460 and 855 degrees F (except during startups and shuddowns).	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	N/A	N/A	Conditional		Not Started										SERC	DSR
AQ.				SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and actualised based on the average of the continuous monitoring for that month. The gauge should be accurate to +f-5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Calibrate DP pressure gauge. The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	N/A	Prior to first fire	2/5/2020		Not Started										SERC	DSR
AQ.	AG	Q-D8b	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR activative their inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month the gauge should be accurate to 4 - 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	The project owner shall also install and maintain a device to continuously record the parameter being measured. The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ 61				SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per morth and actualted based on the waverage of the continuous monitoring for that month. The gauge should be accurate to +f-5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Calibrate DP pressure gauge.	N/A	Once every 12 months	Annually		Not Started										SERC	DSR
AQ.				SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to y-f 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.		N/A	Conditional												SERC	DSR
AQ.		Q-E1		The project owner shall upon completion of construction, operate and maintain this equipment according to the following requirements: In accordance with all air quality mitigation measures stipulated in the final California Energy Commission decision for the 16-AFC-01 project. [CA PRC. ECOA, 5-12-2017] [Devices subject to this condition: D1, C3, C4, D7, C9, C10, D13]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Conditional		Not Started										SERC	DSR
AQ 64	Ai	Q-E2	CONS	Permit to Construct. *The Permit to Construct shall espire one year from the Permit to Construct sissance date, onless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the District Executive Officer prior to the operation of the equipment, his which case the Permit to Construct serves as a temporary Permit to Operate.	Owner to make site available for inspection of records by District, ARB, US EPA, and the Commission.	N/A	NA.	Conditional		Not Started										SERC	TLB

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	n Energ	y Reliabi	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:	F	re- Construction						
2 All Phas	s						6/30/2040						(onstruction						
4			Revised 4/30/2019		Based on Final St	aff Assessment								Operations						
Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
AQ.	AQ-E2a	CONS	Permit to Construct - The Permit to Construct shall expire one year from the Permit to Construct shance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the District Executive Officer of prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate.	Request an extention of the Permit to Construct	extension	Prior to expiration of Permit to Construct	Conditional		Not Started							SCAQMD			SERC	TLB
AQ 66	AQ-E3	COM/OPS	Commissioning Hours - Total commissioning hours thall not exceed 100 hours of free doperation for each turbine from the date of initial turbine startup. Commissioning hours without control shaft not exceed to the commission of the startup of the commission of the be commissioned at the same time. Turbines shall be be commissioned at the same time. Turbines shall be writted to the CO disation catalyst and SCK control system during any turbine operation after commissioning is completed.	The project owner shall submit all records including the total number of commissioning hours, number of commissioning hours without control, natural gas Yuel usage for the pre-catalyst phase, and natural gas Led usage for the post-catalyst phase per turbine to demonstrate compliance with this condition as part of the Quarterly Operational Report required in AQ-SC7.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ.	AQ-E3a	COM/OPS	Commissioning Hours - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalysh and SCR control system during any turbine operation after commissioning is completed.	The project owner shall provide the SCAQMD with written notification of the initial startup date of each turbine.	The SCAQMD shall be notified in writing of the initial startup date of each turbine.	After first fire of each unit.	N/A		Not Started							SCAQMD			SERC	DSR
AQ.			Commissioning Nours - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		N/A	Conditional		Not Started										SERC	DSR
AQ.			CO, Emission Limit - 120 Ex/MMBtu CO, emission limit of non-base load tribmes shall apply. Compliance with the 120 Ex/MMBTu CO2 emission limit shall be determined on a 12-operating-month rolling average basis. This turbine shall be operated in compliance with all applicable requirements of 40 CFR 60 Subgert TTT. In turbine shall be operated in compliance with all applicable requirements of 40 CFR 60 Subgert TTT, 10-23-2015 [Devices subject to this condition. 120, 140].	The project owner shall submit to the CPM for approval all emissions and emission calculations to demonstrate compliance with this condition as part of the 4th quarter Quarterly Operational Report required in AQ-SC7.	Report (AQ-SC7).	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started										SERC	DSR
AQ.	AQ-E5		Storage Tank, Aqueous Ammonia - The project owner shall vent this equipment, during filling, only to the vessel from which it is being filled.	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Conditional		Not Started										SERC	DSR
AQ 71	AQ-F1	CONS/COM /OPS	AR Discharge Limits - Except for open abrasive blasting operations, the project owner shall not discharge into the atmosphere from any size source of emissions whatever expert of contaminant for a period or periodic which was a size of the project of the projec	The project owner shall make the site available for inspection by representatives of the Datrict, California Air Resources Board (ARB), the United States Environmental Protection Agency (U.S. EPA) and the California Energy Commission (Energy Commission).	NA .	N/A	Conditional		Not Started										SERC	DSR
AQ 72	AQ-H1		NO. CEBS Performance Evaluation - The performance evaluation of the NO. CEBS shall be conducted as part of the initial performance test of the turbine required not test than 180 days after initial start you by 500.8, in accordance with the requirements of \$60,4005. The accordance with the requirements of \$60,4005. The conducted to demonstrate compliance with the 600-4100 limit of 250 ppm NOA to 1850 C.J. Hours are regionally to the conducted to demonstrate compliance with the social conducted to demonstrate compliance with the social conducted to the conducted to demonstrate compliance with the conducted to demonstrate compliance with the conducted to demonstrate conditions to 1.0 ppm NOA to 1850 C.J. Hours condition to 1.0 ppm.	representatives of the District, ARB, U.S. EPA and the Energy Commission.		No later than 180 days after initial start- up	9/30/2020		Not Started										SERC	DSR
AQ	AQ-H2	COM/OPS	Accordance to the control of the con	The project owner shall make the site available for inspection by representatives of the Datrict, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started										SERC	DSR
AQ 74	AQ-H3	COM/OPS	Refrigerants Requirements - The equipment is subject to the applicable requirements of District Rule 1415. [Devices subject to this condition: £15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started										SERC	DSR

	A	В	С	D	E	F	G	н	1	J	K	L	М	N	0	P	Q	R	S	T	U
1 Sta	nton	Energy	/ Reliabi	lity Center Compliance Matrix (16-	-AFC-01)								CBO Color Code:		Pre- Construction						
2 All I	Phases							6/30/2040							Construction						
4	-			Revised 4/30/2019		Based on Final	Staff Assessment								Commissioning Operations						
Reso	ource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
75.		AQ-H4		Refrigerants Requirements - This equipment is subject to Rule 40 CFR 82, Subpart F. [Devices subject to this condition: E15]	site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		N/A	Ongoing		Not Started										SERC	DSR
76				Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.	the source test results no later than 90 days following the source test date to both the District and CPM.	СРМ	No later than 90 days following the source test date	6/9/2020		Not Started										SERC	DSR
77.		AQ-K1a		Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.	than 90 days following the source test date to both the District and CPM.	Source test results to District	No later than 90 days following the source test date	6/9/2020		Not Started							SCAQMD			SERC	DSR
A	IQ.	AQ-K2	CONS/COM /OPS	The project owner shall keep records, in a manner approved by the district, for the following parameter/s or item(s): For architectural applications where no thinners, reducers, or other VOC contents are moded, maintain servi-innural containing materials are considered, and the content project of the content project pro	The project ower shall make the size available for impection by representatives of the District, ARR, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started										SERC	TLB
				subject to this condition: E14]																	
78 A	iQ.	AQ-SC1	PC	Are Quality Construction/Demolition Mitigation Manager (ACCMM). The project owner shall designate and relain an on-site ACCMM with such all be responsible for directing and documenting complaines with Act Sci. ACC Sci., and ACC Sci. for the entire project site and linear facility construction.	Project owner shall submit to the CPM for approval, the name, resume, qualifications, and contact information for the onsite AQCMM and all AQCMM Delegates. The AQCMM and all AQCMM the CPM and all AQCMM Delegates before the start of ground disturbance.	Resume of AQCMM & AQCMM Delegates	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018 03/27/2019	Completed	11/6/2018 04/03/2019									SERC	GAL
A	iQ.	AQ-SC2	PC	Air Quality Construction Miligation Plan - The project owner shall provide an ACQM-P, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ-SC4, and AQ-SCS.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance, the project owner shall submit the AQCMP to the CPM	11/3/2018	11/1/2018	Completed	11/19/2018									SERC	GAL
81		AQ-SC2a		AR Quality Construction Militagation flam: The project owners thail provide an AO(AN) ² for agrows, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ:SC4, and AQ:SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.		At least 60 days prior to ground disturbance, the project owner shall submit the AQCMP to the South Coast Air Quality Management District (District).	11/3/2018		Completed							SCAQMD	11/1/2018		SERC	GAL
A	iQ.	AQ-SC3	CONS	AR Quality Fugitive Dust MCR. —The ACI/MM shall assimit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of minimizing fugitive dust emissions created from construction activities and preventing all fugitive dust plumes from leaving the project site and fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM. and conflictation and approxil. (See Decision for fist of	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress										SERC	GAL
82 A	IQ.	AQ-SC4	CONS	items (A through N). AG Dust Planne Monitoring - The AQCMM or delegate shall monitor all construction activities for valide dust shall monitor all construction activities for valide dust plannes. Observations of valide dust plannes that have the patiental to be transported. [1] off the project size, of construction activities of the project size, of constructions of the project size, of the project size of the project size, of the project size of the	Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other	MCR	Monthly, no later than 10 business days	Monthly		In Progress										SERC	GAL

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1 Stan	nton	Energy	y Reliabi	lity Center Compliance Matrix (16-	-AFC-01)								CBO Color Code:		Pre-Construction						
2 All Ph	hases							6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	itaff Assessment								Operations						
Techni Resou	ical	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by	Other Agencies to submit to?	Date Submitted	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
AQ	1	AQ-SCS	CONS	AG Construction Mitigation Report - The AGCMM Analysis ubunit to the CPM, in the MCPA. a construction mitigation report that demonstrates compliance with the following mitigation measures for proposes of controlling diesel construction related emissions. Any controlling diesel construction related emissions. Any require prior CPM emissions and approval. (See Decision AQ-SCS for items A through Fj.)	Include a table in the MCE: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed accessary by the CPM and AQCMM to verify compliance with this condition.	MCR	Monthly, no later than 10 business days	Monthly		In Progress										SERC	GAL
AQ.	1 /	AQ-SC6a	CONS/COM /OPS	Air Permit Modifications - The project owner shall provide the CPM copies of any Bitrict-issued project air permit for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. PA, and any reviewed permit issued by the District or U.S. EPA, for the project.	Submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	The project owner shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 1) the project owner to an agency	Within 5 working days of proposing permit modification.	Conditional		Not Started										SERC	GAL
AQ.			/OPS	Submit Modified Air Permit - See AQ-SC6a		The project owner shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 2) receipt of proposed modifications from an agency.	Within 5 working days of proposing permit modification.	Conditional		Not Started										SERC	GAL
AQ. 87			/OPS	Submit Modified Air Permit - See AQ-SC6a	Submit modified permit to CPM	The project owner shall submit all modified air permits to the CPM.	Within 15 days of receipt	Conditional		Not Started										SERC	GAL
AQ.	1	AQ-SC7	COM/OPS	CPM Quarterly Operation Reports - Project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter. Operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein to be included.	The project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter that include operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein.	Quarterly Operation Reports	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started							SCAQMD			SERC	DSR
BIO	•	BIO-1a	PC	Designated Biologist Selection - The project owner shall assign at least one Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact Information, to the Energy Commission compliance project manager (CPM) for approval. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition (80-3). See Decision for qualifications.	The specified information shall be submitted at least 75 days prior to the start of pre-construction site mobilization activities. No pre-construction site mobilization or construction-related activities shall commence until an approved Designated Biologist is available to be on site.	DB Resume	At least 75 days prior to the start of pre- construction site mobilization activities.	10/19/2018	9/27/2018	Completed	10/17/2018									JACOBS	GAL
BIO		BIO-1b	PC/CONS	Designated Biologie Selection — The project owner ball assign at least one Designated Biologyte to the project. The project owner shall submit the resume of the proposed Designated Biologie, with a least three references and contact information, to the Energy Commission compliance project manage (POM) for approval. The Designated Biologist must meet the menium qualifications (I) through (I) in the condition (III-0-1). See Decision for qualifications.	If a Designated Biologist is replaced, the specified information for the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist.	DB Resume	Notify CPM 10 working days in advance of replacing DB.	Conditional		Not Started										JACOBS	GAL
BIO 810		BIO-2a	CONS	Designated Biologist Distries - This project conner shall network that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, graning, construction, operation, closure, or restoration schrifts. The Designated Biologist may be assisted by schrifts. The Designated Biologist may be assisted by contact for the project conver and CPM. The Designated Biologist duries shall include the following: (See Designated Biologist duries shall include the following: (See Designated Biologist Duries Shall Project Shall Proje	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	Reports and summaries in the MCR and Annual Compliance Report.	Monthly/Annually	Monthly		In Progress										SERC	GAL
BIO 92		BIO-2b	OPS	Designated Biologic Dottes - The project cover shall ensure that the Designated Biologic performs the following during any site (or related facilities) mobilization, ground disturbance, garding, construction, operation, closure, or restoration activities. The Designated Biologican up the assisted by the approved Biological Monitor(s) but remains the construction of the project of the property of Designated Biological during the land Designated Biological during the Designated Biological during the Section of the Committee (See Decision for Items 1-10)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	MCR's and ACR's	Monthly/Annually	Monthly		In Progress										SERC	GAL

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		nergy	Reliabil	ity Center Compliance Matrix (16-	-AFC-01)								CBO Color Code:		Pre- Construction						
2 All Pha	ses							6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Technic Resour	e Cond		Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
BIO 93	BIO-S)-3a	PC	Biological Monitor Selection - The project owner's Designated Biological Shall Jointiff the resume, at least 3 references and contact information, of the proposed Biological Monitors to the CPW for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	BM's Quals	At least 30 days prior to the start of pre- construction site mobilization.	1/5/2019	11/1/2018	Completed	11/14/2018									JACOBS	GAL
BIO	BIO-S	0-3b C		Biological Monitor Selection - The project course's Decignated Biological Shall solumit the resume, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	If Additional BMs are needed during construction	Approval from CPM at least 10 days prior to their first day of monitoring activities.	Conditional	4/9/2019	In Progress	4/18/2019									JACOBS	GAL
BIO	BIO-4	O-4a C	/OPS	Designated Biologist and Biological Monitor. Authority. — The project owners construction/operation manages shall act on the advice of the Designated Biologist and Biologist Amol Biologist. Amol Biologist Amol Biologist. A	the CPM of any non-compliance	BM Notify CPM	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started										JACOBS	GAL
BIO	BIO-4	D-4b C	CONS/COM /OPS	Designated Biologist and Biological Monitor Authority. — The project owners construction/operation manages shall act on the advice of the Designated Biologist and Biologist Amontority to ensure conformance with the biological Monitority to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and Position Amontority of the project owner's construction/operation managers shall hast all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall gramphrase/have the advantage of the project of the Designation of the Position of t	the CPM of any non-compliance	Project Owner Notify CPM of circumstances and actions being taken to resolve the problem	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started										SERC	GAL
BIO BIO	BIO-S	D-5a	PC	Worker Environmental Austreases Program. Biological Resource: The project owner shall develop and implement a project-specific Worker Environmental Austream Strogram (WEAP) and shall secure approval for the WEAP from the CPM in consultation with USWS and CPDW. The WEAP shall be administrated to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, impactions, subcontractors, and devery personnel. The WEAP shall be implemented during site modifications, grown distributions, grant personnel. The shall be implemented during site modifications, grown distributions, grant construction, operation, and closure.	No less than 65 days prior to the start of any pre-construction site mobilization, the project owner shall provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program.	Draft WEAP	At least 45 days prior to the start of pre- construction site mobilization	11/18/2018	10/18/2018	Completed	12/13/2018									JACOBS	GAL
BIO	BIO-S)-Sb	PC	Final WEAP - See 8IO-5a	At least 10 days prior to site and related facilities mobilization, the project owner shall submit two copies of the CPM-approved	Final WEAP	At least 10 days prior to start of site mobilization	12/18/2018	1/10/2019	Completed	1/23/2019									JACOBS	GAL
98 BIO				WEAP Training Adanowledgement Forms on File - See BIO-5a	acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Training acknowledgement forms and issue hard hat stickers	Kept on file for six months after commercial operation begins	11/12/2020		In Progress										ARB	GAL
BIO 100	BIO-5	O-Sd (CONS/OPS	WRAP Training Acknowledgement Forms on File - See BIO-Se	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Provide monthly compliance report of number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date	Monthly	Monthly		In Progress										ARB	GAL

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			y Reliab	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2	All Phas	es						6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
5	Technical Resource BIO	Cond. # BIO-Se	Phase CONS/COM /OPS	Description WEAP Training Acknowledgement Forms on File - See BIO-5a	Verification/Action/Submittal Workers sign training acknowledgement forms and receive a hardhat sticker	Submittal Provide annual WEAP training to permanent employees and WEAP	Date Submittal is Required Annually for permanent employees, training	Due Date Conditional	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR
101					indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	training for new employees	within 1 week for new employees														
102	BIO	BIO-6a	PC	Management Plan (BRMIMP) - The project owner shall	Provide the draft BRMIMP to the CPM at least 6d pays prior to start of any pre-construction mobilization.	Draft BRMIMP	At least 45 days prior to the start of pre- construction mobilization	12/21/2018	10/19/2018	Completed	12/13/2018									JACOBS	GAL
103	BIO	BIO-6b	PS	Additional Permits (BRMIMP) - See BIO-6a If additional permits are received after the BRMIMP is first submitted, provide these to the CPM and submit a revised BRMIMP.	Submit permits not received before the draft BRMIMP is submitted to the CPM. Revised and re-submit the BRMIMP to include discussion of such permits.	Revised BRMIMP	Submit copies to CPM with 5 days of receipt. Provide revised BRMIMP within 10 days of permit receipt	Conditional												JACOBS	GAL
104	BIO	BIO-6c		Modifying the BRMMMP - The project owner shall notify the CPM no lest shan Sworking days before implementing any modifications to the approved BRMIMP to obtain CPM approval.	Notify the CPM in 5 working days. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with appropriate agencies to ensure no conflicts exist.	approved BRMMP	Notify CPM no less than 5 working days before implementing the modifications	Conditional		Not Started										SERC	GAL
105	BIO	BIO-6d	CONS	BRMIMP Monthly Compliance Report - See BIO-6a. Implementation of BRMIMP measures shall be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).		MCR	Monthly	Monthly		In Progress										SERC	GAL
106	BIO	BIO-6e	CONS	BRMMM Construction Course Report - See BIO Sa Provide a writer Construction Course Report identifying which items of the BRMIMP have been completed, a summary of all modifications to the mitigation nessure made during the repriet's site mobilization, and ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Submit Construction Closure Report to CPM	Construction Closure Report	Within 30 days of construction completion	5/8/2020		Not Started										JACOBS	GAL
107	BIO	BIO-7a	CONS	General Impact Avoidance and Mitigation Measures - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See Decision for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.		Monthly	Monthly		In Progress										SERC	GAL
108	BIO	BIO-7b	CONS	General Impact Avoidance and Mitigation Measures- implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: [See Decision for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Construction Closure Report (See BIO-6c)	Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	5/8/2020		Not Started										JACOBS	GAL
109	BIO	BIO-8a1		and Minimization Measures for Preeding Blots - Field Doctors. The construction est surveys shall be conducted if construction work will occur from Ferburary 55 through August 31 The term work* shall rectivate; a size of the present state of the present estivities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biologist Monitor shall perform surveys in accordance with the following significant construction activities. The Designated for specific possible from size of the present of a specific possible from size of the present of the specific boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. One survey within 3 days before construction start. One start frost.		Provide field notes to CPM and CDPW within 24 hours of survey.	and USFWS 2 weeks before survey.	2/1/2019 or 2/4/2019 5/8/2019 5/22/2019 For Gas Line: 7/31/19	1/22/2019 2/4/2019 7/4/2019 7/4/2019 7/4/2019 7/9/2019 8/7/2019 8/7/2019	In Progress	7/3/2019 7/11/2019 8/23/2019						CDFW, USFWS	1/22/2019		JACOBS	GAL
.110	BIO	BIO-8#2	CONS	Pec-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Bids - Field Notes - Pec-Construction nest surveys shall be conducted if construction work will occur from February 15 through August 31 The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction shallows. The Designated Bidgogst or not construction shallows. The Designated Bidgogst or not construction shallows. The Designated Bidgogst or not with the following guidelines: See Decision for 8 secret guidelines: Two pre-construction surveys, separated by a 10-day interval. Conduct surveys now more than 14 days before construction start. Once survey within 3 days before construction start. Consultation in the CPM of next finds.	Notify to the CPM, CDPW, and CDPW, at least 2 veels prior to initiating surveys, notification initiating surveys, notification shall include the name and resume of the biologisti) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDPs within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/1/2019 2/4/2019 2/41/2019 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed							CDFW, USFWS			JACOBS	GAL

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1 St	anton	Energy	Reliabi	lity Center Compliance Matrix (16-	AFC-01)			1					CBO Color Code:		Pre- Construction						
2 All	Phases							6/30/2040							Construction						
3				Revised 4/30/2019		Rased on Final S	taff Assessment								Commissioning						
_				Neviseu 4/30/2019											Operations						
Re:	chnical source	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	BIO	BIO-8b	CONS	Preconstruction Nest Survey Letter Report - (See Decision BIO-8a for specific guideline items)	Letter-report to CPM, CDFW, and USFWS describing the findings of	Letter report of preconstruction	Prior to the start of pre-construction	1/22/2019, 2/2/2019. 2/5/2019	1/28/2019 2/8/2019	In Progress							CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL
					the preconstruction nest surveys	survey findings	mobilization	(optional)	2/27/2019												
								2/12/2019 For Gas Line:	8/16/19												
								8/19/2019													
111	BIO	BIO-8c	CONS	Implementation of Nest Surveys and Inclusion in	All impact avoidance and	Revised BRMIMP (BIO-	After pre-	Ongoing	N/A	Not Started	N/A									JACOBS	GAL
	0.0	DIO GC	CONS	BRMIMP - (See Decision BIO-8a for specific guideline	minimization measures related to	6)	construction nesting	Ongoing For Gas Line 9/5/19	14/4	Not Stated	197									JACOUS .	UAL
				items)	nesting birds shall be included in the BRMIMP and implemented.		surveys														
112																					
	BIO	BIO-8d	CONS	Monthly Reporting for Preconstruction Nest Surveys - (See Decision BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by	MCR	Monthly	Monthly		In Progress										JACOBS	GAL
113					the Designated Biologist.																
	BIO	BIO-9a	CONS	Jack and Bore Drilling Best Management Practices - During construction using jack and bore drilling	Notify the CPM and CDFW in the event of a frac-out, non-	Notification of a frac- out to CPM and CDFW	No later than the following morning of	Conditional		Not Started										SERC	GAL
				techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated	compliance, or halt of jack-and-		the incident or														
				Biologist or Biological Monitor must be allowed to	bore operations.		Monday morning in case of a weekend														
				monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and																	
				shall be given authority to do the following, including																	
114				but not limited to: (See Decision for 6 items)																	
	BIO	BIO-9b	CONS	Jack and Bore Drilling Best Management Practices -	Notify the CPM and CDFW in the	Notification of any	No later than the	Conditional		Not Started										SERC	GAL
				During construction using jack and bore drilling techniques the Designated Biologist or Biological	event of a frac-out, non- compliance, or halt of jack-and-	non-compliance or a halt of any jack and	following morning of the incident or														
				Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to	bore operations.	bore drilling operations to CPM	Monday morning in case of a weekend														
				monitor all activities pertaining to drilling under Carbon		and CDFW and actions	case of a weekend														
				Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including		being taken to resolve the problem															
445				but not limited to: (See Decision for 6 items)		are problem															
115	IVIL	CIVIL-1a	PC/CONS	Drainage Structure Design and Grading Plan - Submit	At least 15 days (or project owner-	Proposed drainage	At least 15 days prior								1-1.1: 1/17/2019	1.1: 2/8/19				SERC	TAT
				to the CBO for review and approval the design of the proposed drainage structures and the grading plan; an	and CBO-approved alternative time frame) prior to the start of	structures and grading plan	to the start of site grading								PC1 1-1.1 2/6/19 PC2	(conditional) 1.2: 2/8/19					
				erosion and sedimentation control plan; a construction	site grading, submit the	graung plan	graung								1-1.1 5/24/19 PC3	1-1.0 2/8/19 PC2 1-1.1 6/14/19 PC3					
				storm water pollution prevention plan; related calculations and specifications, signed and stamped by	documents described in this condition to the CBO for design										1-1.2 1/17/2019 PC1	1-1.10 2/8/19 PC2					
				the responsible civil engineer; and soils, geotechnical,	review and approval.										1-1.2 2/6/19 PC2 1-1.2 5/24/19 PC3	1-1.2 6/14/19 PC3 1-1.3 2/8/19 PC2-					
				or foundation investigations reports required by the 2016 CBC.											1-1.3 1/17/2019	1-1.3 6/14/19 PC3					
116								12/18/2018		Completed					PC1 1-1.3 2/6/19 PC2	1.4 2/8/19 PC2 1-1.4 6/14/19 PC3					
(IVIL	CIVIL-1b	PC	Erosion and Sedimentation Control Plan - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative	Erosion and Sedimentation	At least 15 days prior to the start of site													SERC	TAT
					time frame) prior to the start of	Control Plan	grading														
					site grading, submit the documents described in this											1.1: 2/8/19					
					condition to the CBO for design										1.1: 1/17/2019	(conditional)					
117	IVIL	CIVIL-1c	PC		review and approval. At least 15 days (or project owner-	Construction	At least 15 days prior	12/18/2018		Completed					1/7/2019	1.2: 2/8/19 2/6/2019				SERC	TAT
				See CIVIL-1a	and CBO-approved alternative time frame) prior to the start of	Stormwater Pollution Prevention Plan	to the start of site grading														
П					site grading, submit the		graung														
					documents described in this condition to the CBO for design																
118					review and approval.			12/18/2018		Completed											
l I ʻ	CIVIL	CIVIL-1d	PC	Related Calculations and Specs Stamped by Civil Engineer - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative	and Specs Signed and	At least 15 days prior to the start of site							1						SERC	TAT
П					time frame) prior to the start of site grading, submit the	Stamped by Responsible Civil	grading; and notify CPM in MCR							1							
Ш					documents described in this	Engineer	following the CBO's									1.1: 2/8/19					
119					condition to the CBO for design review and approval.		approval	12/18/2018		Completed				1	1.1: 1/17/2019 1.2: 1/18/19	(conditional) 1.2: 2/8/19					
(IVIL	CIVIL-1e	PC	Soils, Geotechnical, or Foundation Reports - See CIVIL	At least 15 days (or project owner- and CBO-approved alternative	Soil, Geotechnical, or Foundation	At least 15 days prior to the start of site	1		Completed					Ongoing					SERC	TAT
П				10	time frame) prior to the start of	Investigation Reports	to the start of site grading							1							
Ш					site grading, submit the documents described in this	required by the 2016 CRC															
П					condition to the CBO for design									1							
120	IVIL	CIVIL-1f	PC	Approval of all CIVIL 1a Submittals Noted in MCR - See	review and approval. Statement in the MCR certifying	MCR	Next MCR after	12/18/2018		Completed				-	3/13/19					SERC	GAL
1 I `		-	-	CIVIL-1a	that the documents (CIVIL-1a)		approval by CBO							1	4/11/19						
121					have been approved by the CBO.			3/13/2019													
0	IVIL	CIVIL-2a	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and	The project owner shall submit modified plans, specifications, and	Submit modified	when unforseen adverse soil or	Conditional							Conditional					SERC	GAL
				construction in the affected areas when the	calculations to the CBO based on	and calculations to	geologic conditions														
				responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in	these new conditions.	CBO	are identified by RE														
[the practice of soils engineering, identifies unforeseen										1							
				adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and																	
				calculations to the CBO based on these new conditions.																	
				The project ownershall obtain approval from the CBO before resuming earthwork and construction in the																	
122				affected area.																	
166												•									

П	Α	В	С	D	E	F	G	Н		J	K	L	М	N	0	P	Q	R	S	T	U
		Energ	y Reliabi	lity Center Compliance Matrix (16	-AFC-01)								CBO Color Code:		Pre- Construction						
2 A	II Phase:	5						6/30/2040							Commissioning						
4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Ti R	echnical esource CIVIL	Cond. #	Phase	Description Adverse Soll/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the civil engineer experience and some the civil engineer experience and some experience and	Verification/Action/Submittal The project owner shall notify the CPM within 24 hours when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Submittal Notify CPM of a work stoppage	Date Submittal is Required Notify within 24 hours	Due Date Conditional	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) Not Started	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO Conditional	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
123				the practice of rols engineering, identifies unforeseen adverse soil or gookgic conditions. The project comer shall submit modified plans, specifications, and calculations to the GO based on these new conditions of the project cownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.																	
124	CIVIL	CIVIL-2c		Adverse Sol/Geologic Conditions - The resident engineer shall, a proporties, top all earthwork and construction in the affected areas when the responsible sols in engineer, genetical engineer, greaterhaid engineer, greaterhaid in the practice of sols engineer greater and knowledgeable in the practice of sols engineering, identifies unforesten the practice of sols engineering, identifies unforesten shall submit modified plans, specifications, and calculations to the GD based on these new conditions. The project ownershall obtain approval from the CBD before resuming earthwork and construction in the affected area.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval	Copy of CBO's approval letter to CPM	Within 24 hours of the CBO's approval to resume work	Conditional		Not Started										SERC	GAL
125	CIVIL	CIVIL-3a	CONS	inspections and Discrepancy Reporting. The project women shall perform inspections in accordance with the 2016 CEC. All plant site grading operations, for which a grading point is required, while subject to which a grading point is required, while subject to which a grading period is required. All the subject to the sub	of any discrepancies, the resident engineer shall transmit to the CBO	RE will submit non- conformance report to CBO and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional							conditional					SERC	TLB/TAT
126	CIVIL	CIVIL-3b	CONS	Inspections and Discrepancy Reporting. The project womer shall perform inspections in accordance with the 2016 CEC. All plant site grading operations, for which a grading perhal required, shall be subject to inspection by the CEO. If, in the course of inspection, the course of inspection, the course of inspection, and the course of inspection, and the course of th	corrective action for review and	RE will submit non- conformance report to CPM and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Not Started										SERC	TLB/TAT
127		CIVIL-3c		Inspections and Discrepancy Reporting. The project womer shall perform inspections in accordance with the 2015 CEC. All plant site-grading operations, for which a grading permits required, shall be subject to inspection by the CEO. If, in the course of inspection, is discovered that the work is not being performed in shall be reported immediately to the resident engineer to the CEO, and the CEO. The project owners shall prepare a written report, with opies to the CEO and the CEO. And the CEO. The completion of the CEO. And the CEO. A shall be reported immediately to the resident engineer to the CEO. And the CEO. The completion of the CEO. A shall be reported in compliance items, and the proposed corrective action.	Within Fire days of resolution of the NCR, the project owners shall submit the details of the corrective action to the CBO	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non- compliance report	Conditional							conditional					SERC	TLB/TAT
128		CIVIL-3d		Inspections and Discrepancy Reporting. The project womer shall perform inspections in accordance with the 2016 CBC. All plant site grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepanise that be reported immediately to the resident engineer the CBO, and the CPM. The project owner shall prepare a writter nerpor, with oncipes to the CBO and the CPM, detailing all discrepances, non-compliance items, and the proposed corrective action.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CPM	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non- compliance report	Conditional		Not Started					conditional					SERC	TLB/TAT
129	CIVIL	CIVIL-3e	CONS	Inspections and Discrepancy Reporting. The project owner shall perform inspections in accordance with the 2016 CBC. All plant sitle grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, in discovered that the work is not being performed in accordance with the approved plans, the discrepancies that Discovered that the work is not being performed in accordance with the approved plans, the discrepancies that Discovered the performance of the project owner shall prepare a writter proof, with Orgels to the CBD and the CPM, detailing all discrepancies, non-compliance terms, and the proposed corrective action.	A list of NGRs for the reporting month shall also be included in the following monthly compliance report.	MCR	Monthly	Monthly		In Progress										SERC	TLB

A		В	C	D	E	F	G	Н	ı	J	K	L	М	N	0	P	Q	R	S	T	U
1 Stant		Energy	/ Reliabil	ity Center Compliance Matrix (16-	AFC-01)			6/30/2040					CBO Color Code:		Pre-Construction						
2 All Ph	ases							6/30/2040							Commissioning						
4	_			Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Technic Resour	ical rce	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
CIVIL		CIVIL-4a		Final Grading Plan Approval - After completion of finished grading and eroxion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the eroxion and sedimentation control work. The civil engineer shall its atte that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Final grading and drainage plans with engineer's signed statement (See Decision wording).	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work (or CBO-approved alternative time frame)	5/1/2020		In Progress		TES OF NO	Amendment Date	Language	18-280	CSU	Sabilit to:	to other agencies	Agencies	POWER	TAT
CIVIL 131		CIVIL-4b		Final Grading Plan Approval - After completion of finished grading and erosin and sedimentation control and drainage work, the project owner shall obtained to the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/pler area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Project owner shall submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	Monthly	9/14/2018	Completed	10/19/2018									SERC	GAL
COM	1 C	COM-1		Unrestricted Access - The project owner shall take all testes necessary to some that the CPA, responsible finergy Commission staff, and delegate agencies or consultants, have unrestricted access to the facility site, cells and the commission staff, and the consultants, and the staff of the commission of the consultants of the commission of the commission of the consultants of the commission of the commission of the consultants of the commission of consultants and br>consultants and	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unanounced visits at any time, whether such visits are by the CPM in person or through representatives from Energy Commission staff, delegated agencies, or consultants.	NA .	Life of the project	Conditional		In Progress										SERC	TLB
COM			om/ops	Amendments, Saff-Approved Project Modifications, Ownership Change, and Verification Changes - The project owner shall petition the Energy Commission, pursuant to Title 20, California Gode of Pegulations, section 1709, to modify the design, operation, or per formance requirements of the project of misear per formance requirements of the project of misear section 1709, to modify the design, operation, or settle approval will be sufficient, or whether Commission approval will be necessary, it is the project owner's responsibility to contact the CPU determine of a proposed project change triggers the requirements of a proposed project change the project commission Decision. The only change that can be requested by means of a letter to the CPU is a request to change the verification method of a condition of certification.	not exceed \$830,336, adjusted annually. Current amendment fee information is available on the Energy Commission's website at http://www.energy.ca.gov/siting/ filing_fees.html.	Petition to amend, fees	Life of the project		PTAST - Additional Lapdown Area - \$722/2019 PTASZ - Socialisa Additional Laydown Area - 8/19/2019	In Progress	6/21/2019	No								SERC	PZC
COM				Reporting of Complaints, Notices, and Citations - Prior to the start of contruction or closure, the project owner shall send a letter to property owners within one mile of the project, notifying them of a telephone number to contact project representatives with questions, complaints or concerns. If the telephone is not staffed 24 hours per day, in that include automatic actions of the project pr	The project owner shall respond to all recorded complaints within 24 hours or the next business day. The project owner shall post the telephone number onsite and make it easily visible to passersby during construction, operation, and closure. The project owner shall provide the contact	Reports of complaints	Within 5 business days of complaint receipt, and MCR, ACR, or PCR.	Conditional	12/17/2018	Completed	1/17/2019									SERC	GAL
COM	1 00	OM-12a		Emergency Responses Site Contingency Plan. No less than 60 days pint or the start of construction (or other CPM+approxed) date, the project owner shall submit, for CPM review and approxal, an Emergency Response Site Contingency Plan That Contingency Plan Shall evidence as facility accordinated emergency response overloce as facility accordinated emergency response overloce as facility accordinated emergency response overloce as facility and source of reasonably foreseeable emergency events.	See Decision COM-12 for specifications	Emergency Response Site Contingency Plan	60 days before start of construction	1/21/2019	1/25/2019	Completed	1/29/2019									SERC	TLB
COM	1 CC	OM-12b		Emergancy Responses Site Contingency Plan - Subsequently, no less than 60 days prior to the start of commercial operation, the project owner shall update size necessary and resultent the Contingency Plan for CPM review and approval. The Contingency Plan shall and recovery premoderes for a series of reasonably foreseeable emergency events.	See Decision COM-12 for specifications	Updated Emergency Response Site Contingency Plan	60 prior to COD	1/17/2020		Not Started										SERC	DSR
COM	d cc	OM-13a	CONS/COM /OPS	Incident Reporting Requirement. The project owner soul modify the CPU within one hour after it is safe and fessible, of any incident at the facility that results in [See Decision COM-13 for incident types that apply).	suppression; chemical, gas, or hazmat release: odorous material	Detailed Incident Report	Within 6 business days of the incident	Conditional		NotStarted										SERC	GAL
COM	1 00	OM-13b	CONS/COM /OPS	Incident-Reporting Requirements. The project owner, and midry the CMP within one hour after its safe and fessible, of any incident at the facility that results in Geo Decision COM-13 for incident types that apply).	After the initial 6-day report, the project owner shall start submitting monthly status reports; within 48-hours of a request by the CPM, the project owner shall swinth a status report. Status reports shall include the activities already taken, and those currently being taken, to remety the impacts of the inscrient. The CPM will	monthly status reports	monthly after incident	Conditional		Not Started										SERC	GAL

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			y Reliabi	ity Center Compliance Matrix (16-	-AFC-01)								CBO Color Code:		Pre- Construction						
2 /	All Phase	S						6/30/2040							Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
5	Fechnical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
139	сом	COM-14	OPS	Non-Operation and Repair/Restoration Plan -No liter than two weeks prior to a facility is planed non- operation, or no later than one week after the start of unplaned non-operation, the project owner shall notify the CPM, interested agencies, and nearby properly owners of this status. During non-operation, using the control of the status of the proper use of the status of the proper use of the status of the proper possible of possible of possible of possible of possible of possible of possible of			No later than two weeks prior to facility's planned non- operation.	6/16/2040		Not Started										SERC	DSR
140	COM	COM-15		Facility Closure Planning-No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039												SERC	DSR
141	COM		OM/OPS	Compliance Record - The project owner shall maintain electronic copies of all project files and submittals on- site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final	NA .	Life of the project	Ongoing		In Progress										SERC	TLB
142	СОМ	COM-3	PC/CONS/C OM/OPS	Compliance Verification Submittals - Verification lead times associated with the start of construction may require the project owner to file submittals during ACC or amendment processing, particularly if construction is planned to commerce shortly after certification. The splanned to commerce shortly after certification. The modified as necessary by the CPM after notice to the project owner.	owner or an authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters.	Verification submittals	Life of the project	Ongoing		in Progress										SERC	GAL
143		COM-4a	PC	Pro-Contruction Marita and Tasks Prior to Start of Construction, Prior to construction, Prior to construction, Prior prior downer shall submit to the CPMs compliance marita including only those conditions that must be fulfilled before the start of construction. The marita shall be included with the project covers' first compliance submitted or prior to the first pre-construction meeting, whichever comerts, and shall be submitted in a format similar to the below (See Decision COM-4 for specifications).	activities shall not start until the following have occurred: 1. the project owner has submitted the pre-construction matrix and all compliance	Pre-construction matrix and pre- construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018				(Ref Only)					SERC	GAL
144		COM-4b		Construction. Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comer first, and shall be submitted in a format similar to the description.	following have occurred: 2. the CPM has issued an authorization-to-construct letter to the project owner.	matrix and pre- construction verifications	Before site mobilization	12/31/2018	9/14/2018	Completed	10/19/2018				(Ref Only)					SERC	GAL
145			PS	Compliance Matrix - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with MCR	Monthly with MCR and annually with ACR	Monthly		In Progress					(Ref Only)					SERC	GAL
146	COM	COM-5b	PC/CONS/O PS	Compliance Matrix - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required, expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with ACR	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	GAL

А	В	C	D	E	F	G	Н	1	J	K	L	М	N	0	Р	Q	R	S	T	U
		ergy Relia	bility Center Compliance Matrix (16	-AFC-01)					,			CBO Color Code:		Pre- Construction						
2 All Pha	ises						6/30/2040							Commissioning						
4			Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
Technica Resource 5	cond.		Description	Verification/Action/Submittal	Submittal	Date Submittal is Required Monthly, within 10	Due Date Monthly	Date Submitted to CPM 3/13/19	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
СОМ	COM-	-6 PC/CO	5 Monthly Compliance Report - The first MCR is due on month following the docketing of the period control for month following the docketing of the period of the Decision unless otherwise agreed to by the CPM. (See Decision COM-6 for specifications).	e During pre-construction, construction, or closure, the project owner or authorized agent shall submit an electronic searchable version of the MCR to the CPM. MCRs shall be submitted each month until construction is complete and the final certificate of occupancy is issued by the DCBO.	MCR	Monthly, within 10 business days after the end of each reporting month.	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19 9/14/19 10/12/19	In Progress					5/15/19 5/15/19 5/15/19 6/17/19 7/17/19 8/14/19 9/14/19 10/14/19					SERC	GAL
147 COM	COM-	-7 CONS/C /OPS	M Annual Compliance Report - After construction is complete, the project must submit searchable electronic ACRs to the CPMs, we well as other Lordonic ACRs to the CPMs, we well as other personal constructions of the CPMs (PRI) required by the existing school disciplines. ACRs shall be completed for each year of commercial operation and are due each year on a date agreed to by the CPMs. Other PCRs (e.g. quarterly reports).	After construction is complete, submit annual compliance reports (ACR) and periodic compliance repotts (PCR)	Submit searchable electronic ACR to CPM, submit PCRs required by the various technical diciplines	Annual Compliance Report	Annually		Not started										SERC	DSR
COM	COM-	-8 PC/CON OM/O	C Confidential Information - Any information that the project owner designates as confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality, pursuant to Title 20, California Code of Regulations, section 2505(a).	Any information deemed confidential pursuant to the regulations will remain undisclosed, as provided in Title 20, California Code of Regulations, section 2501 et seq.	Request for confidentiality	Life of the project	Ongoing		In Progress										SERC	SAG
COM	COM-	OM/O	Resources Code, the project owner is required to pay an annually adjusted compliance fee.	subsequent payments are due by July 1 of each year in which the facility retains its certification.	Annual Compliance Fee due 7/1 annually: See http://www.energy.c a.gov/siting/filing_fee s.html	6/1/2020	Ongoing	11/8/2018 6/6/2019	In Progress	11/9/2018									SERC	GAL
CUL.	CUL-1	1a PC	Cultural Resources Specialist, Monitors, and Technic Specialist - The project owner shall assign a Cultural Resources Specialist (ICRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with at least three references and contact information to the Energy Commission Compliance Project Manager (CPM) for review and approval. (See Decision	al At least 75 days prior to the start of ground disturbance, site preparation, or post-certification cultural resources activities.	CRS & Alternates Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post- certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 8/12/19	Completed	10/18/2018 3/11/2019 8/12/19									JACOBS	GAL
CUL.	CUL-1	1a PC	Cultural Resources Specialist, Monitors, and Technic Specialist - The project owner shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with at least three references and contact information to the Energy Commission Compliance Project. Manager (CPM) for review and approval. [See Decision	al At least 75 days prior to the start of ground disturbance, site preparation, or post-certification cultural resources activities.	CRS & Alternates Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post- certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 6/14/19 7/12/19 8/12/19	Completed	10/18/2018 3/11/2019 8/12/19 10/25									JACOBS	GAL
CUL.	CUL-1	Lb CON	Replacement CRS - See CUL-1a (CUL-1 Section D.2)	The project owner may replace a CRS. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent CRS is proposed to the CPM for consideration.		At least 10 days working days before termination or release of the CRS	Conditional		Not Started										JACOBS	GAL
CUL.	CUL-1		Replacement CRS - See CUL-1a (CUL-1 Section D.2)	The project owner may replace a CRS. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent CRS is proposed to the CPM for consideration.	information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Not Started										JACOBS	GAL
CUL	CUL-1	ie PC	Cultural Resources Monitors and Specialists - See Cul 1a (CUL-1 Section 0.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 6/20/2019	In Progress	12/3/2018 7/18/2019									JACOBS	GAL
CUL	CUL-1	ie PC	Cultural Resources Monitors and Specialists - See Cul 1a (CUC-1 Section 0.3)	- The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 12/7/18 2/24/19 6/20/2019 7/12/19 8/26/19	Completed	12/3/2018 4/29/19 7/18/2019									JACOBS	GAL
CUL.	CUL-1	Ld PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	CPM documenting	At least 30 days prior to the beginning of post-certification cultural resources field work or construction-related ground disturbance	12/3/2018	11/16/2018	Completed	12/3/2018									JACOBS	GAL

А	В	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	P	Q	R	S	T	U
		nergy	Reliabil	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Pha	ses	7						6/30/2040							Commissioning						
4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Technica Resourc 5	CON		Phase PC	Description	Verification/Action/Submittal	Submittal Communication with	Date Submittal is Required	Due Date 12/3/2018	Date Submitted to CPM 11/16/2018	Compliance Status for CPM (Not started, in progress, completed (with date)) Completed	Date Approved by CPM 12/3/2018	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party JACOBS	SERC Project Manager GAL
158				Native American Monitors - See Cul-1a (CUL-1 Section D.A)	the project owner shall inform the CPM.	efforts to obtain services of a qualified NAM	to the beginning of post-certification cultural resources field work or construction-related ground disturbance		11/10/2018		12/3/2018										
CUL	CUL	L-1e	PC/CONS	Additional Cultural Resources and Native American monitors - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for additional CRMS or NAMs as needed.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the CRMs or NAMS beginning on-site duties	Conditional		In Progress										JACOBS	GAL
CUL 160	CUL	L-1f	PC/CONS	Additional Cultural Resources Specialists - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for cultural resources specialists.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the specialists beginning on-site duties	Conditional	3/6/2019 4/26/2019 8/12/2019	In Progress	3/11/2019 4/29/2019 8/22/2019									JACOBS	GAL
CUL	CUL	L-1g	PC	New technical specialist - See Cui-1a - (CUI-1 Section 0.6)	Owner must submit resume(s) of any technical specialist to CPM for review and approval	Submit resume(s) to CPM	At least 10 days prior to technical specialist beginning task	Conditional		NotStarted										JACOBS	GAL
CUL	CUL	L-1h	PC	Availability of CRS - See Cul-1a - (CUL-1 Section D.7)	Owner must confirm in writing that the approved CRS will be available for onsite work and will implement the cultural resources conditions.	Submit letter confirming the availability of the CRS.	At least 10 days before the start of construction related ground disturbance	12/23/2018	1/8/2019	Completed	1/8/2019									JACOBS	GAL
CUL 163	CUL	II-1i	PC	CPM Approval of CRS and Alternatives - See Cul-1a - (CUL-1 Section D.8)	No ground disturbance shall occur prior to CPM approval of CRS and alternatives unless such activities are approved by the CPM	Receive approval letter from CPM	No ground disturbance shall occur without approval	Conditional		Completed										JACOBS	GAL
CUL 164				Discharge the CRS, after receiving approval from the CPM See Cul-1a - (CUL-1 Section A.1.2)	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions, the project owner may discharge the CRS, after receiving approval from the CPM.	Submit to request to the CPM to discharge the CRS	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions	5/1/2020		Not Started										JACOBS	GAL
CUL.	CUL			Construction Maps and Drawings Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See Decision CUL- 2). No construction-related ground disturbance shall coccur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	of construction-related ground disturbance, provide the AFC,	Documents, maps and drawings	At least 40 days prior to the start of construction-related ground disturbance	11/23/2018	11/19/2018	Completed	12/3/2018									JACOBS	GAL
CUL 166	CUL	L-2b	PC/CONS	Revised Maps and Drawings-Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to the start of construction-related ground disturbance, if there are changes to any construction-related footprint, provide revised maps and drawings for the changes to the CRS and CPM.	Updated maps and drawings	At least 15 days prior to start of construction-related ground disturbance	Conditional		In Progress										JACOBS	GAL
CUL 167	CUL			Construction Phasing-Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition, fee Decision CUL- 2), No construction-related ground disturbance shall coronar prior to CPM approval of mays and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to the start of each phase of a phased project, the project owner shall submit the appropriate maps and drawings, if not previously provided, to the CRS and CPM.	Maps and drawings	At least 15 days prior to the start of a construction phase	Conditional		In Progress										JACOBS	GAL
CUL 168	CUL	L-2d	CONS	Construction Schedule. Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS, with the materials described in this condition (See Decision CUL- 2), No construction-related ground disturbance shall coccur prior to CPM approval of mays and drawings, unless such activities are specifically approved by the CPM.	Provide a schedule of the next week's project activity to the CRS and CPM	Schedule of next week's activities by e- mail, letter, or fax	Weekly during ground disturbance	Weekly		In Progress										ARB	GAL

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			y Reliabi	lity Center Compliance Matrix (16-	AFC-01)					,			CBO Color Code:		Pre- Construction						
3	All Phas	es					1	6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	staff Assessment								Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
169	CUL	CUL-2e	CONS	construction-related ground disturbance, the start of	schedule of phases of a phased project, provide written notice of project changes to the CRS and	Description of changes in phased project	Within 5 days of changing the scheduling of phases	Conditional												ARB	GAL
170	CUL	CUL-2f	CONS	Replacement CRS - Priors to the start of construction- related ground distance, the start of ceach phase, and weekly, provide the CRS with the materials described in this constitution (see Decision CU-2). No construction-related ground disturbance shall occur point to CPM approvid or maps and divenilys, unless such activities are specifically approved by the CPM.	If a new CRS is appointed, provide maps and drawings (see CUL-2) to the new CRS.	Documents, maps and drawings	Within 10 days of the approval of the new CRS	Conditional												JACOBS	GAL
171	CUL	CUL-3a	PC	Cultural Resources Worltoning and Mitigation Plan (CRMMP) - Submit to Cultural Resources Monitoring and Mitigation Plan (CRMMP), a prepared by or under the direction of the CSA and as described in this condition (See Decision CUL-3), to the CPM for review and approxis Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. No ground disturbance shall occur prior to CPM approxid ground disturbance shall occur prior to CPM approxid provided to the CPM.	start of ground disturbance,	Draft CRMMP	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL
172	CUL	CUL-3b	PC	Agreement to Pay Curation Fees - See CUL-3a	At least 30 days prior to the start of ground disturbance, in a letter to the CPM, agree to pay curation fees for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	Letter confirming agreement to pay curation fees	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/18/2018									JACOBS	GAL
173	CUL		/OPS	collected, the project owner shall provide to the CPM a copy of an agreement with, or other writer commitment from, a curation facility that meets the commitment from, a curation facility that meets the standards stated in the State Historic Fearmers Commission (19RIC) Guidelines for the Curation of Archaeological Collection (1929), or fruit updated for from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	agreement with a qualified curation facility.	Written agreement with curation facility	90 days after completion of ground disturbance (including landscaping)	4/1/2020		Not Started										JACOBS	GAL
174	CUL	CUL-4a	CONS/COM /OPS	Final Cultural Resources Report - The project owner hall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CSS and shall be provided in the Archaeological Resource Management Report (AMM) format. The man CVB shall report on all final solving the control of the shall be analyses. All survey reports, DRS 238 forms, data encovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRS) shall be included as appendices to the final CRR.	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 30 days of suspension of construction activities (suspended project)	Conditional		Not Started										JACOBS	GAL
175	CUL	CUL-4b	CONS/COM /OPS	Final Cultural Resources Report - The project owner hand submit the final Kifk to the CMP of approval. The final CRR shall be written by, or under the direction of, the CSR and shall be provided in the Archaeological Resource Management Report (ARMM) format. The final CRR shall enjoy on all final devibles including control of the control of the control of the control of the control of the control of the control of shall be control of the control of the control of control of the control of control of the control of control of the control of control br>control of control of con	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 90 days of the completion of ground disturbance (completed project)	8/21/2020		Not Started										JACOBS	GAL
176	CUL		CONS/COM /OPS	Documentation sent to CHRIS - See Cul-4a	Provide final CRR to the California Historical Resources Information System and curation institution (if artifacts curated) and tribes requesting copies.	Report	Within 10 days after approval of CRR	Conditional		Not Started										JACOBS	GAL
177	CUL	CUL-Sa	PC	Worker Environmental Awareness Program, Cultural Resources. Prior and for the duration of construction-related ground disturbance, provide Worker Environmental Awareness Program (MEAP) training, as described in the condition (See Decision (LUS-5) to all new workers within their first week of employment. No construction related ground disturbance shall occur prior to implementation of the WEAP program, unless such activities are specifically approved by the CPM.	The CRS shall provide the training program draft text and/or training video, including graphics, and the informational brochure to the CPM for review and approval.	Draft WEAP	At least 30 days prior to the beginning of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL

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Techi Reso	urce	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
178		CUL-5b		WEAP training/Training Acknowledgement Form -See Condition CUL-Sa		Training Acknowledgement Form	At least 15 days before the beginning of ground disturbance	12/18/2018		Completed										ARB	GAL
CL 179			/OPS	WEAP Training Records in MCR - See Condition CUL-Sa	Training Acknowledgement forms of the workers who have comleted training in the prior month.	Training Acknowledgement forms for prior month in MCR and running total of all persons who have completed the training.	Monthly until ground disturbance is completed	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19	In Progress										SERC	GAL
CL 180	IL.	CUL-6a	PC	Cultural Resources Monitoring, Letter to Native Americans - The project owner shall ensure that a CRS, alternate CRS, or CBMs shall be on site for all ground disturbance in areas slated for excavation into non-fall (native) sediments. See Decision for specifications on monitors and daily monitoring logs.	Commission's contact list of the date on which the project ground	Letter of notification	At least 30 days before the start of ground disturbance	12/3/2018		Completed										JACOBS	GAL
CL 181		CUL-6b		Cultural Resources Monitoring, Daily Monitoring Log Form - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	an electronic copy of a form to be used as a daily monitoring log and information to be included in the cover sheet for the daily monitoring logs.	form and specifications	At least 30 days before the start of ground disturbance.	12/3/2018		Completed										JACOBS	GAL
CL 182				Cultural Resources Monitoring, Daily Monitoring Log Submittal - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit each day's monitoring logs and cover sheet merged into one PDF document by email within 24 hours.	Daily monitoring logs	Within 24 hours of previous day's monitoring	Daily		In Progress										JACOBS	GAL
CL 183				Cultural Resources Monitoring, Notification of Non- compliance incidents - See Decision CUL-6a for specifications on monitors and daily monitoring logs.	The CRS and/or project owner shall notify the CPM of any incidents of non-compliance with the conditions and/or applicable LORS by telephone or email within 24 hours.	Notification of non- compliance incident	Within 24 hours of previous day's monitoring	Conditional	9/24/2019	In Progress	9/27/2019									JACOBS	GAL
CL 184				Cultural Resources Monitoring, Daily Maps of Artifacts found - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide daily maps of artifacts along with the daily monitoring logs if more than 10 artifacts are found per day, or as requested by the CPM.	Map of artifact finds (if more than 10 artifacts found)	Daily or as requested by the CPM	Conditional		Not Started										JACOBS	GAL
CL 185				Cultural Resources Monitoring, Weekly Maps of Artifacts Found: See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide weekly maps of artifacts along with the daily monitoring logs if more than 50 artifacts are found per week or as requested by the CPM.	Map of artifact finds (if more than 50 artifacts found or as requested by the CPM)	Within two business days after the end of the week	Conditional		Not Started Not Started										JACOBS	GAL
CL 186		CUL-6g	CONS/COM	Cultural Resources Wonthoring Native American Monitor Employment—See Decision for specifications on monitors and daily monitoring logs.	The project owner shall submit a copy of a request from a Native American group that a Native American Monitor (NAM) be employed.	Copy of a request by a Native American Group's request that a Native American be employed and copy of the response letter identifying the Native American monitor to the group.	Within 15 days of receiving a request from a Native American group that a NAM be employed	Conditional		Not Started										JACOBS	GAL
CU 187				Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Monthly, while monitoring occurs	Monthly		In Progress										JACOBS	GAL
CL 188				Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	monthly MCRs and accompanying weekly summary reports.	Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Weekly, while monitoring occurs	Weekly		In Progress										SERC	GAL
CL 189		CUL-6j	CONS/COM	Cultural Resources Monitoring, Final Updated DPR Forms - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	For sites for which artifacts are collected month after month, final updated DPR forms may be submitted at the completion of monitoring	Final updated DPR forms	At completion of monitoring	Conditional		Not Started										JACOBS	GAL
CL 190		CUL-6k		Cultural Resources Monitoring, Change in Monitoring Level - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for a change in the monitoring level.	justification for changing the monitoring level	At least 24 hours prior to implementing a proposed change in monitoring level	Conditional		Not Started										JACOBS	GAL
CL	IL.	CUL-6I	CONS/COM	Cultural Resources Monitoring, Change in Daily Reporting - See Decision CUI- of or specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Letter or e-mail with justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	Conditional		NotStarted										JACOBS	GAL

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5	Fechnical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager GAL
192	CUL	CUL-6m	CONS/COM	Cultural Resources Monitoring, Comments of Native Americans - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	or information	Within 15 days of receiving comments from Native Americans	Conditional	2/5/2019 2/15/2019	Completed	N/A									JACOBS	GAL
193	CUL	CUL-7a		Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRs. In the extent of the construction supervisor in consultation with the CRs. In the extent of a get of card (or if, determined exceptionals) significant by the CRS, ground disturbance with all the half of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery includes human remains, the project owner shall comply with the requirements of Health and Human Safety, Code 5 1700.5(b) and shall additionally routily with the requirements of Health and Human Safety, Code 5 1700.5(b) and shall additionally routily the CPM and the Native Cardinaction of the CPM and the Native Cardinaction of the CPM. Monkering, including Native American monitoring, and dailed without direction from the CPM. Monkering, including Native American monitorings, and daile resistance in the vicinity of the conditions, shall continue during the project's ground-daturbing activities elsewhere, while the halting or redirection of ground disturbance in the vicinity of the conceys shall remain in effect until the CS has valued factories.	of ground disturbance, the project owner shill provide the CPM and CSC with a letter confirming that the GSC, Alternate to half ground disturbance in the winning of a cultural resources discovery, and that the project discovery count she that CPM within 28 hours morning the cultural resources discovery occurs between 600 AM on Forday and 80.0 AM on Sunday and 80.0 AM on Sunda	disturbance	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									IACOBS	GAL
194	CUL	CUL-7b	CONS/COM	DPR-523 Forms (See Decision CUL-7 for specifications).	Unless the discovery can be treated prescriptively as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.	Forms DPR 523	No later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	Conditional		Not Started										JACOBS	GAL
195	CUL	CUL-7c	CONS/COM	Inform Native American Groups (See Decision CUL-7 for specifications).	The project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of a discovery of interest to Native Americans, and the CRS must inform the CPM when the notifications are complete.	when notifications are	Within 48 hours of the discovery of a resource of interest to Native Americans	Conditional		Not Started										JACOBS	GAL
196	F	CUL-7d	CONS/COM	Provide Reports and Records to Native American Groups (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the charipersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for nonfilication, consultation, and reports and records.	Copies of transmittal letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started										JACOBS	GAL
197	CUL	CUL-7e		Comments or Information Provided by Native Americans (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	American comments	Within 15 days of receiving comments from Native Americans	Conditional		Not started										JACOBS	GAL
198	CUL	CUL-8a		Is Solts, Borrow or FIB Site Documentation: If III sold must be acquired mon anno-commercial disposal site, unclude size of disposal of to a non-commercial disposal site, unused size six-than-free year-old surveys of these sixes for archaeological resources are provided to and approved by the CPM, the CSh sill survey the brown of disposal site(s) for cultural resources and record on disposal sixe(s) for cultural resources and record and recommendation of the CPM, who will determine white, if any, completed, the CRS shall convey the results or completed, the CRS shall convey the results of recommendation of the CPM, who will determine white, if any, completed and recommendations for further action to the project owner and the CPM, who will determine white, if any, completed and recommendations for further action or disposal site or implement CUL-7 prior to any use of the site. TCR Shall reproduce to the methods and results of these surveys in the final CRS.	The owner shall notify the CSS und CPM and provides a markeninged are markeninged are watersheepinged area was a markeninged area and a markeninged area and a markeninged area of the past five years, of c CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Completed	3/29/2018									JACOBS	GAL
199	CUL	CUL-8b	CONS	Fill Soils, Cultural Resources Survey - In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non- commercial borrow/ disposal site	3/29/2019	3/29/2019	Completed	3/29/2019									JACOBS	GAL

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5 5	Technical Resource	Cond.		Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	ELEC	ELEC-1	la	CONS E	rior to the start of any increment of electrical	The project owner shall submit to the CBO for design review and	specifications, and	At least 30 days (or project owner- and	Ongoing		In Progress					1-1.0: 1/23/19 1-2.0: 2/4/2019	1-1.0: 5/3/19 1-2.0: 2/15/19				SERC	TAT
200				ti a a p n a a T ti n	and approval, the proposed final design, specifications, and addressed and actualisms. Used maper wall, the above listed lams, together with design changes and design change toolses, shall remain on the size or at another cosesible boation for the operating life of the project comes hist request that the EGO inspect to ensure compalisms with the existallation to ensure compalisms on with the design of the project comes high request that the EGO inspect to ensure compalisms on with the existallation to ensure compalisms on with the project when the project down in the project board in the project down in the project down in the project down in the size of the project down in the size of the project down in the size of the project down in the size of the project down in the pro	copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	calculations and compliance statement to CBO with copy to CPM	CBO-approved alternative time frame) prior to the start of each increment of electrical construction								1-3.0: 1/23/19 1-4.0: 1/29/19 1-5.0: 3/4/19 1-6.0: 3/22/19 1-7.0: 3/6/19 1-8.0: 5/20/19 1-9.0: 1-10.0: 3/29/19 1-11.0: 1-12.0: 5/20/19 1-13.0 7/24/19 51-013 PC1 1-13.0 7/26/19 51-014 PC1	1-3.0: 2/6/2019 1-4.0: 2/8/19 1-5.0: 3/14/19 1-6.0: 4/5/19 1-7.0: 3/20/19 1-8.0: 6/3/19 1-9.0: 1-10.0: 4/16/19 1-11.0 1-12.0: 6/3/19 1-13.0: 8/14/19 PCF					
201	ELEC	GEN-1		p c 1 ti a a a p n a T ti n fi	rior to the start of any increment of electrical omstruction for all electrical equipment and systems. 10 Volts or higher (see a representative fist, below) to represent the proposed final design, specifications, and approval, the proposed final design, specifications, and calculations. Upon approval, the above Island lant, together with design changes and design change lant, together with design changes and design change losses, shall remain to the size of an above Island lant, together with design changes and one project, the project owner shall request that the CBO inspect the stallation to ensure compliance with the stallation to ensure compliance with the equipment of applicable LORS. (See Decision ELEC-1 or specifications)	statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance	Report, Include: receipt or delay of major equipment, testing or energizing of major electrical equipment, and signed statement by registered electrical engineer certifying that the proposed final desing plans and specifications conform to requirements set forth by CEC decision	Monthly Within 30 days	Monthly		In Progress Not started					3/13/19 4/11/19 5/14/19 6/14/19 7/17/19					SERC	GAL
202	GEN	GEN-1		d ac CR Hill the sa a a ne e the school the	esign, construct, and inspect the project in cordance with the 2016 California Building Standards ode (CBSC), also known as Title 24, California Code of egulations, which encompasses the (see Decision for st of codes) and all other applicable engineering LORS of the CBO for review and sprovoul. The project owner the CBO for review and approvoul. The project owner	the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been	Sedements of great by the responsible the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LONS and the Energy designs of the policable LONS and the Energy decision have been facility design to CPM	following are displayed follow	8/ZU/20ZU		Not same										POWER	TAU
203	GEN	GEN-1	CO	d aa C R R II	esign, construct, and inspect the project in ccordance with the 2016 California Building Standards ode (CBSC), also known as Title 24, California Code of	responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been	A copy of the Certificate of Occupancy to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	8/20/2020		Not Started										SERC	GAL

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2 All	Phases	;						6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
Tec Res	hnical ource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted	Date Approved by Other	Responsible Party	SERC Project Manager
C	VEN	GEN-1c	OPS	Certificate of Occupancy - The project owner shall design, construct, and unspect the project owner shall easily, construct, and unspect the project of Regulations, with the 2016 California Building Standards (Certification) and the California Certification (Edication) and the California Certification, which encompasses the feet Decision for in effect at the time limit design plans are submitted to the CRO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, regain, or maintenance of the completed Scility. In the applicable successor to the 2016 CRO Sci is in effect, the 2016 CRO	maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to	Notice of construction, atteration, atteration, addition, atteration, moving, demolition, repair, or maintenance of completed facility	Inform the CPM within 30 days prior to any construction, addition, alteration, moving demolition, repair, or maintenance of completed facility	Conditional		Not Started										SERC	DSR
205		GEN-2a		Schedule of Brawings, Master Drawings, Specification Lists - Before submitting the initial engineering designs for GDO review, provide the CPM and the CBO with a schedule of facility design submittale, and master drawings and master specifications list, a specified in this condition (See Decision GRV-2). The schedule shall not contain the date of each submittal to the CBO. To facilitate audits by Foregy Commission staff, provide specific packages to the CPM upon request.	owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the	Schedule, Master Drawings & Specifications Lists	At least 60 days prior to the start of rough grading.	11/3/2018	11/2/2018	Completed	11/20/2018				2.1 Updated Sched of Dwgs, Equip & Sub1/18/2019	2.1 Approved 1/23/19				POWER	TAT
206	EN	GEN-2b	PC/CONS	Updates to Drawings and Lists - See GEN-2a	Provide Updates to Schedule of Drawings and Specification Lists updates in the MCR	Schedule updates	Monthly	Monthly		In Progress					1/18/2019	1/23/2019				SERC	GAL
207		GEN-3a	ОМ	Payment of CBO - Make payments to the CBO (make to the feergy Commission) for design revew, plan checks, and construction inspections and other applicable CBO actives, based on a resonable few and the CBO. The feer feer feer feer feer feer feer fe	The project owner shall make the required payments to the GBO in accordance with the agreement. The project owner shall send a comment to the project owner shall send a comment to the CPVB in the next monthly compliance report indicating that applicable fees have been paid.	CBO monthly payments	Monthly	Monthly		In Progress					Monthly					SERC	RRF/JLJ
208		GEN-3b	OM	Payment of CBO-Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO actives, based on a revolution term and the CBO. If the Energy Commission delegates the CBO intention to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the CBOD based upon a fee schedule form the CBOD. These fees may be considered with the fees isset of the CBOD. These fees may be considered with the fees isset of the CBOD. These fees may be considered on the value of the facilities reviewed, may be based on hourly artists; or may be challed agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the GBO in accordance with the agreement properties of the properties of the properties of the payment of the CBO in the next monthly compliance report indicating that applicable fees have been paid.	Copy of CBO's Recept of Payment with the MCR	Monthly	Monthly		In Progress					Monthly					SERC	GAL
209	EN	GEN-4a	PC	Resident Engineer - Prior to the start of rough grading, assign a California - registered architect, or a structural or or using engines. The resident engineer (REI in charge of the project. The RE or inspher delegates) shall be responseld or the elements listed in this consistion (see Decision GSH-4).	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	12/3/2018	1/18/2019	Completed	N/A				Power: 12/24/2018 Jacobs: 12/24/2018 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NV5: 3/4/2019				SERC	TAT
210	EN	GEN-4b	PC/CONS	Approval of RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	12/8/2018	1/18/2019	Completed					Power: 12/24/2018 Jacobs: 12/24/2018 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NV5: 3/4/2019				SERC	TAT

П	А	В	С	D	E	F	G	н	1	J	K	L	М	N	0	P	Q	R	S	T	U
		n Energ	y Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre-Construction						
	All Phas	es						6/30/2040							Construction						L
4				Revised 4/30/2019		Based on Final S	itaff Assessment								Operations Commissioning						<u> </u>
5	Technical Resource GEN	Cond. # GEN-4c	Phase PC/CONS	Description Approval of Newly Assigned RE - See GEN-4a	Verification/Action/Submittal Submit new resume and	Submittal Notification to CBO	Date Submittal is Required Within 5 days of	Due Date Conditional	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) Completed	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO 2/6/2019	Date Approved by CBO 2/12/2019	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager TAT
211					registration number CBO for review and approval		receiving the new resume and registration number														
212	GEN			Notification of Newly Assigned RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	Conditional	2/6/2019	In Progress					2/6/2019	2/12/2019				SERC	GAL
213	GEN	GEN-5a	PC	Registrerd Engineers - Prior to rough grading and prior to construction, says in least no ef each of the California registered engineers listed in this condition. See Decision 687-19, to the project. The duties of the engineers are outlined in this condition. These include using the condition. These include using the prior glorecthrical engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.		Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	At least 30 days prior to the start of rough grading	12/3/2018		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
214	GEN	GEN-5b		Approval of Responsible Engineers - See GEN-Sa	approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
215	GEN	GEN-5c	PC	Registered Engineers - Prior to rough grading and prior to construction, says an least no of each of the California registered engineers listed in this condition. See Decision Gibbs, 19 the project. The dubies of the condition	time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes	number for responsible design engineer, mechanical	At least 30 days prior to the start of construction	1/5/2019		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
216	GEN	GEN-Sd		Approval of Responsible Engineers - See GEN-Sa	Notify the CPM of the CBO's approvals of theresponsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.	Notification to CPM	Within 5 days of the approval	1/18/2019		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
217	GEN	GEN-Se		Reassignment of Designated Engineer - See GEN-Sa	designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re- assignment	Conditional		Not Started										SERC	GAL/TAT
218	GEN	GEN-5f		Approval of Replacement Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional	4/11/2019	Completed	4/11/2019									SERC	GAL
219	GEN	GEN-6a	CONS	Special Inspector Assignment - Pior to the start of an activity requiring special inspection, including prefibricated assembles, the project owner shall assign to the project, qualified and certified special inspectoris (yaulified and certified special inspectoris) who shall be responsible for the special inspectoris (yaulified and certified weld inspector, certified by the 2016 ECA certified weld inspector, certified by the American Welding Society (AMS), and of an armount of the American Welding Society (AMS), and project welding Society (CAMS), inspection Society of Mental Project welding Society (CAMS), inspection of Society (AMS), inspection of Society (AMS), inspection of SNR 5 for additional specifications)	Assign certified and qualified special inspectors for special inspectors for special inspectors. CBC.	inspectors to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing							PC1: 1/16/19 PC2: 1/28/19 6-1.1.0 8/15/19 6-2.1.6 8/16/19 6-3 10/14/19	PC1: 1/17/19 PC2: 1/29/19 6-3: 10/16/19 6-1.1.0 8/16/19				ARB	TLB
220	GEN	GEN-6aa	CONS	Special Inspector Assignment - Piror to the start of an activity requiring special inspection, including prefabricated assembles, the project owner shall assign to the project, qualified and certified special inspectoris; have shall be responsible for the special inspectoris; who shall be responsible for the special inspectoris; vertified by the 2016 CEA. Certified weld inspector, certified by the Anterican Weiding Society MAW), angler insertion Society of Mechanical Engineers (ASME) as applicable, shall inspect weiding Society performed on-site requiries special impection working in the special special insertion and special special insertions.	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Copy to the CPM the names and qualifications of certified special inspectors submitted to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing													TLB
224	GEN	GEN-6b	CONS	Approval of Inspectors - See GEN-6a	Submit a copy of the CBO's	Submit copies of CBO	Monthly	Monthly		In Progress					PC1: 1/16/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB
221	GEN	GEN-6c	CONS	Reassignment of Inspectors - See GEN-6a	approval of inspectors Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	approvals in the MCR Names and qualifications of certified special inspectors to the CBO	Within 5 days of re- assignment	Conditional		Not Started					PC2: 1/28/19	rcz: 1/29/19					TLB
222	GEN	GEN-6d	CONS	Approval of Replacement Inspectors -See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the	for approval Notification to CPM	Within 5 days of the approval	Conditional		Not Started										ARB	TLB
224	GEN	GEN-7a	CONS/COM	Design Disexpancy Correction - If any discrepancy, in design and/or controvation is discovered in any engineering work that has undergone CIIO design review and approxis, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CIIO for review and approval. condition of certification and, if appropriate, applicable sections of the CIIO and/or other LORS.	approval. Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the monthly compliance report.	Copy of CBO's approval in the MCR	Monthly	Monthly		Not Started										SERC	GAL

\Box	Α	В	C	D	E	F	G	Н	ı	J	К	L	M CBO Color Code:	N	0	P	Q	R	S	T	U
	tanto	n Energ	y Reliabi	lity Center Compliance Matrix (16-	-AFC-01)			6/30/2040					CBO Color Code:		Pre-Construction Construction						
3	ui Pilase	3				Based on Final S		0/30/2040							Commissioning						
5	echnical Resource	Cond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
225	GEN	GEN-7b	CONS/COM	Notification of Correction Disapproval - See GEN-7a	If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Notify CPM and provide revised corrective action	Within 5 days of CBO disapproval of corrective action	Conditional		Not Started										SERC	GAL
226	GEN	GEN-8a		that has undergone CBO design review and approval. The project owner half request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project womer shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project skee, or at another accessable boation, during the operating life of the accessable boation, during the operating life of the project changes of the project skee, or at another accessable boation, during the operating life of the project changes of the project skee, or at mother accessable project skeep or a structure project proj	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work	Conditional		In Progress										SERC	GAL
227	GEN	GEN-8aa		CBO Inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall reduce the CBO of shall approval. The project owner shall reduce to set of approved engineering plans, specifications, and calculations (including all counters that rest on one set of approved angle regime plans, specifications, and calculations (including all rescribed hostions (uniform the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked up sei-bailt shall be provided to the CBO for retention by the CPM.	the CBO, with a copy to the CPM in the next monthly compliance report. After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	the submittal to the CBO a written notice that the completed work is ready for final inspection, and a signed statement that	Monthly as completed	Monthly		In Progress											
228	GEN	GEN-8b		Plan and Specification Storage - See GEN-8a	After storing the final approved engineering plans, specifications, and calculations described above, submit a letter to the CPM.	Letter stating both that the documents have been stored and the storage location of those documents.	After storage is in place	Conditional		Not started										SERC	GAL
229	GEN	GEN-8c	CONS	Plan and Specification Archive Copies: See GEN-8a	to the CBO three sets of electronic copies of the engineering plans, specifications, and calculations at	"Read only" (Adobe .pdf 6.0 or newer version) files, with restricted (password- protected) printing privileges, on archive quality compact discs.	Within 90 days of the completion of construction	8/21/2020		Not Started										SERC	TAT
230	GEO	GEO-1a	PC	Sols Engineering Report - A Sols Engineering Report - serverined by Section 1830 of the California Building Code (CRC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include biboratory test data, associated specifically include biboratory test data, associated compaction, compressible solis, corrollers colls; and CRC, the report must also include recommendations for ground improvement and foundation systems necessary to miligate them for ground improvement and foundation systems necessary to miligate them foundation systems necessary to miligate them foundation systems necessary to miligate proportion to california biboratory. In accordance with the California Business and Professions Code, the superprint existent California Bescende Mindrada(1) is required to sign and seal the Sols Engineering Report.	permit a copy of the Soils Engineering Report which addresses the potential for strong sensitive halving liques factors, dynamic compaction; settlement due to compression; settlement due to compression summary of how the results of the analyses were incorporated to summary of how the results of the analyses were incorporated to summary of how the results of the analyses were incorporated the analyses were incorporated to the analyses were project owners stall provide to the CPM at copy of the Soils of grading permit and any comments by the CBO at least 60 days prior to grading permit and any comments by the CBO at least 60 days prior to grading permit and any comments by the CBO at least 60 days prior to grading permit and settlements.	Soils Engineering Report, application for grading permit to CBO for comments	90 days before grading	11/3/2018		Completed					1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				NVS	TAT
231	GEO	GEO-1b	PC	Solis Engineering Report - A Solis Engineering Report - serequired by Section 1830 of the California Building Code (CRC, 2016), or its successor in effect at the time construction of the project commence, and support specifically include laboratory test data, associated specifically include laboratory include and thorough discussion of seeming and thorough discussion of seeming and the analysis of CRC, the report must also include recommendations for ground improvement and foundation systems necessary to militigate these potential geologic hazards, if present in accordance with the California laboratory and professions Code, the supporpriste qualified California licensel and individual(s) is required to sign and seal the Solis Engineering Report.	The project owner shall include in experience for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong senior shall be presented to the project owner shall be soil, or a project owner shall be results of the analyses were incorporated to the shall be soil, or a project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading part of the Soils Engineering Report, application for grading part owner of the Soils Engineering Report, application for grading permit and or soil and the soil of the Soils Engineering Report, application for grading grading and soil of the Soils Engineering Report, application for grading grading and soil of the Soils Engineering Report, application for grading grading and soil of the Soils Engineering Report, application for grading grading and soil of the Soils Engineering Report, application for grading grading and soils and soils of the Soils Engineering Report, application for grading soils and soils of the Soils Engineering Report, application for grading soils and soils of the Soils Engineering Report, application for grading soils and	Submit Copy of the Soils Engineering Report, application for grading permit, and CBD comments to CPM	60 days before grading	12/3/2018	11/2/2018	Completed	11/26/2018				1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				SERC	GAL
231	HAZ	HAZ-1	OPS	Hazardous Materials Management - The project owner shall not use any hazardous materials not listed in Appendix 8, below, or in greater quantities or strengths than those identified by themical name in Appendix 8, below, unless approved in advance by the compliance project manager (CPM).	days prior to grading. The project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous Materials Business Plan's list of hazardous materials and quantities contained at the facility.	Submit Hazardous Materials Business Plan in the Annual Compliance Report.	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR

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1			y Reliabil	ity Center Compliance Matrix (16	-AFC-01)								CBO Color Code:		Pre- Construction						
2	All Phase	!S				1		6/30/2040							Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	staff Assessment								Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	HAZ	HAZ-2a		HABP and SPCC. The project conner shall concurrently spill Prevention Control and Countermeasure Plan Spill Prevention Control and Countermeasure Plan SPCCL, and a Rok Management Plan (MPM) to the Los Spill Prevention Countermeasure Plan Spill Prevention Countermeasure Plan Spill Prevention Countermeasure and the CPM for review. After receiving comments from the CCRID and the CPM, the project convers shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials business Plan and RAMP, shall then be provided to the OCEND for information and to the CPM for approval.	material on the site for commissioning or operations, the project owner shall provide a	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/20/2019	8/2/2019	Completed	9/12/2019 10/14/19				1-1.08/6/19 PC1 2-3.08/6/19 PC1					SERC	DSR
234	HAZ	HAZ-2aa		IMMP and SPCC - The project owner shall concurrently provide a Hazardoux Materials Business Fan (1988) ² , a SPCC - SPCC - SPC	material on the site for commissioning or operations, the project owner shall provide a	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/29/2019		In Progress							OCEHD	8/2/2019			
235																					
_236																					
237	HAZ	HAZ-2ab		Final MMP and SPCC - The project owner shall concurrently provide a Brazardou Marketia Business Plan (MMBP), a Spill Prevention Control and Countermeasure Plan (FMCP), and a Risk Management Plan (RMP) to the Orange County Environmental Health Mokino (DCEH) and the CPM for review. After receiving comments from the OCEHO and the CPM, project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous provided to the OCEHO for information and to the CPM for approval.	the CPM for approval.	OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019	9/27/2019	Completed	10/14/2019				2-1.1 8/6/19 2-3 PC1 8/6/19 2-3 9/26/19	2-1.1 9/4/19 2-3 PC1 9/4/19 2-3 10/15/19					
238	HAZ	HAZ-2ac		Final MMPs and SPCC - The project owner shall concurrently provide a histandrous Materials Business Plan (MMBP), a Spill Prevention Control and Countermeasure Plan (MMBP) as the Orange County Environmental Health (Plan (MMP) to the Orange County Environmental Health (Plan (MMP) to the Orange County Environmental Health (Plan (MMP)) and the CPM for review, After receiving comments from the OCERIO and the CPM, the review of the CPM or the	At least 30 days prior to receiving any hazardos naterial on the site for commissioning or operations, the project owner shall provide a copy of a final HMB and SPCC to the CPM for approval.	OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019		In Progress							OCEHD	9/24/2019			
239	HAZ	HAZ-2b	CONS	Final Risk Munagement Plan - See HAZ-Za	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to Certified Unified Program Agency (the Orange County Environmental Health Division)	At least 30 days before delivery of aqueous ammonia on site	7/29/2019	10/25/2019	In Progress										SERC	DSR

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		Energy	/ Reliabi	lity Center Compliance Matrix (16-	-AFC-01)								CBO Color Code:		Pre-Construction						
2 Al	l Phase:	5				1		6/30/2040							Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
Te Re	chnical	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
240	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-Za	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CPM for approval	At least 30 days before delivery of aqueous ammonia on site	10/20/2019		In Progress					10/24/2019					SERC	DSR
241	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-Za	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CUPA for information	At least 30 days before delivery of aqueous ammonia on site	10/20/2019									OCEHD	10/24/2019			
242	HAZ			Aqueous Ammonis Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonis and other liquid harardous materials by stanker truck. The plan shall include procedures, protective that plan shall not be plan shall not be provided to the plan shall not include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plan temployer not involved in the delivery or trarsfer operation. This plan movedent that delivery or trarsfer operation. This plan and operation of the power plant.	All least 30 days prior to the deviewery of any legid hazardous materials to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	10/20/2019	9/27/2019	Completed	10/8/2019									SERC	DSR
243	HAZ	HAZ-3a	CONS/COM	Aqueous Ammonis Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonis and other liquid haradross materials by sanker truck. The plan shall include procedures, protective shall also include a section describing all measures to be implemented to prevent mixing of incompatible haradross materials including provisions to manitain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during continuction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any figuid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility								9/27/2019					SERC	DSR
244	HAZ	HAZ-4	CONS	Ammonia Storage Taxil Durigo. The apuseous ammonia Storage Taxil Parlies with the designed of the ASME Code for Unified Pressure Vessels, Section VIII, Division 1. The storage taxin shall be protected by a secondary containment that drains to an underground vault via 01.15 square footopenings capable for holding precipitation from a 24-hour, 25-year storm event plus 100 percent of the paraget off heli begret trata within discount of the present of the	The project owner chall submits and elegin formings and specifications for the ammonia specifications for the ammonia songet that, ammonia pumps, ammonia detectors around the ammonia storage task, aemonia storage task, a	Final design drawings for the ammonia storage and transfer facility	At least 30 days before construction of the ammonia storage and transfer facility	10/20/2019	3/15/2019 4/29/2019 (CBO approva transmitted to CPM)	Completed	4/30/2019				3/14/2019 (reference only)	4/29/2019				POWER	GAL
245	HAZ	HAZ-S	CONS	Transport Vehicle Specifications - The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles that meet or exceed the specifications of MC-307/DOT-407.	copies of the notification letter to supply vendors indicating the	Copies of notification letter to supply vendors	At least 30 days prior to receipt of aqueous ammonia on site	10/20/2019	8/7/2019 9/30/19	Completed	10/8/2019									SERC	GAL
246	HAZ	HAZ-6a	CONS	NaMAN transport Route Restrictions - Prior to initial delivery, the project owner shall direct vendors delivering built quantities (> 9600 gallons per delivery) of hazardous material leg., aqueous ammonts, lubricting and insulating olds) to the site to use only the route some state of the site	copy of the letter containing the route restriction directions that	Copy of the letter containing route restriction directions for hazardous materials vendor.	At least 60 days prior to initial receipt of bulk quantities (>800 gallons per delivery) of hazardous materials (e.g., aqueous ammonia, lubricating and insulating oils)	10/20/2019	8/7/2019 9/30/2019	In Progress	8/22/2019 10/8/19				8/22/2019	8/30/2019	GE Prolec Hill Bro AirGas	8/7/2019 9/30/2019 9/30/2019	8/7/2019	SERC	GAL
247	HAZ	HAZ-6b	CONS/OPS	Route Restrictions, New Vendor - See HAZ-6a	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to any new designated hazardous materials vendor to the CPM for review and approval.	Copy of the letter containing route restriction directions for the new hazardous materials vendor.	At least 10 days prior to a new vendor delivery of bulk quantities (>800 gallons per delivery)	Conditional		Not Started					(Ref Only)					SERC	GAL

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		n Energ	y Reliab	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 /	All Phase	!S						6/30/2040		_					Construction		-				
4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
5	Technical Resource HAZ	Cond. #	Phase PC	Description Construction Site Security Plan - Prior to commencing	Verification/Action/Submittal At least 30 days prior to	Submittal Site-specific	Date Submittal is Required	Due Date 12/3/2018	Date Submitted to CPM 11/20/2018	Compliance Status for CPM (Not started, in progress, completed (with date)) Completed	Date Approved by CPM 1/25/2019	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO 1/21/2019	Date Approved by CBO 1/28/2019	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
248				construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. (See Decision HAZ-7 of six items/specifications).	commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Construction Security Plan	to commencing construction			. ,	, , , , ,				, -,	7-7-					
	HAZ	HAZ-8a	CONS/OPS	Operations Site Security Plan - The project owner shall be prepare as let-perfic security plan for the commissioning and operational phases that would be available to the CMF for review and approval. The project owner shall implement site security measures that address physical site security in abaractions and the security of the security of implemented shall not be less than that described body (as per NEG Security Guideline for the Electricity Sector: Physical Security 2.0.). See Decision NAZ-8 for nine items/specifications.	The project owner shall notify the CPM that as its -psecific operations site security plan is available for review and approval.	Operations Security Plan	At least 30 days prior to the initial receipt of hazardous materials on site	7/20/2019	4/30/2019 (Castle Spike Topper Only) 8/9/2019 9/18/19	In Progress	5/16/2019 (Castle Spike Topper Only) 8/9/2019									SERC	GAL
249	HAZ	HAZ-8b	OPS	Operations Site Security Plan - The project owner shall also prepare a site-specific security plan for the commissioning and operational phase that would be operational phase that would be project many sites of the project many sites of the project many shall implement site security measures at address physicial site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per N.B.C. Security Guideline for the Electricity Security Position Security 2.0.). See Decision NAZ-8 for nine items/specifications.	Project Owner shall include signed statements similar to Attachment & Matchement &	Signed statements similar to Attachment similar to Attachment C. Attachment C.	Annual Compliance Report	12/31/2020		Not Started										SERC	GAL
251	HAZ	HAZ-9	CONS/OPS	during the lifetime of the facility, that involve "Hammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non- flammable gas (e.g. air, nitrogen, steam) or mechanical piging, shall be used as per the least edition of NFPA	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NPA S6, section 4.4.1) which shall include the method of cleaning to be used, the source of pressurization, and whether a mechanical Pla (will be used, the source of the Cleaning S6) of the Cleaning S6 of the Clea	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	11/27/2019		Not started										SERC	DSR
252	MECH	MECH-1a		owner shall submit, for CIOD design review and approval, the proposed final design, specifications, and calculations for each plant paper pining and plumbing system listed in the CIOD-approved matter drawing and submitted the cities of the	stamped statement from the responsible mechanical engineer certifying compliance with applicable LOSE, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	specifications, and calculations and certification of compliance to CBO for review and approval	At least 30 days (or project owner- and CSD-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction Isted in the CBD-approved master drawing and master specifications	Ongoing		In Progress					1.1 : 2/8/2019 1.2 : 2/8/19 1.3 : 2/11/19 1.4 : 3/1/19 1.5 : 4/4/19 1.6 : 6/10/19 1.7 : 6/10/19 1.4 : 0/3/11/19 1.4 : 0/3/11/19 1.4 : 0/3/11/19 1.5 : 0/3/11/19 1.6 : 0/3/11/19 1.6 : 0/3/11/19 1.7 : 0/3/11/19 1.7 : 0/3/11/19 1.8 : 0/3/11/19 1.9 :	11: 2/26/19 12: 5/16/19 13: 5/7/19 14: 3/11/19 14: 3/11/19 16: 6/10/19 PC1 16: 6/25/19 PCF 17/16/19 PCF 1-4.0 6/19/19 PC1				Pawer	TAT
253	MECH	MECH-1b	CONS	Plant Piping and Plumbing System Plans-The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and	approval the final plans, specifications, and calculations,	of the transmittal letter in the next monthly compliance	Monthly Compliance Report (one time)	Monthly		In Progress										SERC	GAL

1			С		E	F	G	Н		J	K	L	М	N	0	Р	Q	R	S	T	U
			y Reliabi	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2	All Phase	es						6/30/2040		 					Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
254	MECH	MECH-1c			to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Copy of transmittal letters and copies of CBO inspection approvals in MCR.	Monthly	Monthly		In Progress								•	•	SERC	GAL
255		MECH-2a		the appropriate CBO and/or Cal-OSHA inspection of that installation. See Pecision MECH-2 for additional specifications).	approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel the project owner shall submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPAU.	11/9/2019		Not Started					9,27,2019	2-1.0 PC1 10/16/19				Power	TAT
256	MECH	MECH-2b	CONS	any pressure vessel, the project owner shall request	the CBO for design review and approval, the above listed documents, including a copy of	A copy of the transmittal letter to the CPM of the Design documents to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel	11/9/2019	10/26/2019	In Progress											
257	MECH	MECH-2c		CBD and Cal-OSHA Inspections and Approvals, Pressure Vessels, MCR - See MECH-2a	to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals	Monthly	Monthly		NotStarted										SERC	GAL
258				specifications, calculations, and quality control procedures for any desting, ventilating, a conditioning of a conditioning (WAC) or refrigeration system. Packaged a conditioning (WAC) or refrigeration system. Packaged with the conditioning (WAC) or refrigeration systems. Packaged with the conditioning (WAC) or refrigeration systems. Packaged with the conditioning (WAC) or refrigeration systems are conditioned as a conditional specifications).	refrigeration cakulations, plans, including a copy of the signed and stamped statement from the responsible statement from the responsible compliance with the CIIC and other applicable codes, with a copy of the transmittal letter to the CPM.	Calculations, plans, and specification, and statement of compliance to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction of any NWAC or refriger ation system	10/7/2019		Completed					3-1.0 7/10/19 PCI 3-1.1 7/10/19 PCI 3-1.2 7/10/19 PCI 3-1.3 7/10/19 PCI 3-1.4 7/10/19 PCI 3-2.0 7/16/19 PCI 3-2.1 7/10/19 PCI 3-2.1 7/10/19 PCI 3-2.2 4/2/19 PCI 3-2.5 4/4/19 PCI 3-2.5 4/4/19 PCI 3-2.5 4/4/19 PCI					SERC	JBM
259				HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See Decision MECH-3 for additional specifications).	refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	and specification, and statement of compliance to CBO, with a copy of the transmittal letter to the CPM	At least 30 days (or project owner- and SPM-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	10/7/2019	10/25/2019	In Progress										SERC	JBM
260	NOISE	NOISE-1a	PC	residents within one mile of the project site and one- half mile of the linear facilities, by mail or by other effective means, of the commencement of project	The project owner shall transmit to the CPM a statement, signed by the project owner's project manager, stating that the notification to residents within one mile of the project has been	Public notice to residents	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018									JACOBS	GAL

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1 Stant	on En	nergy	Reliabil	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre-Construction						
2 All Pha	ises							6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
Technica Resourc	Con		Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
NOISE		SE-1b		Telephone Number Confirmation - See NOISE-1a	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the telephone number has been established and posted at the site, and providing that telephone number.	Confirmation of that the telephone number has been established and posted at the site.	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/21/2018									SERC	GAL
NOISE			/OPS	Noise Complaint Process - Throughout the construction and the full term of operation, including facility closure, the project owner shall document, investigate, evaluate, and attempt to resolve all project- related noise complaints. See Decision NOISE-2 for specifications.	File with the CPM a Noise Complaint Resolution Form that documents the resolution of the complaint.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	Completed	4/9/2019									SERC	GAL
NOISE 263			/OPS	Noise Complaint Resolution - See NOISE-2a	If mitigation is required to resolve the complaint, and the complaint is not resolved within three business days, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Resolution Complaint Form	When the mitigation is implemented	Conditional		In Progress										SERC	GAL
NOISE				Employee Noise Control Program - Submit to the CPM for review and approval a noise control program and to the deduce employee exposure to high (above permissible) not expense to the control of the control of the Title 8, California Code of Regulations, Sections 5095- 5099, and Title 29, Code of Federal Regulations, Section 1910.95.	of ground disturbance, submit the	Noise Control Program	At least 30 days prior to the start of ground disturbance	12/3/2018	11/20/2018	Completed	1/3/2019				1/15/2019 (Ref Only)	1/18/2019				SERC	GAL
NOISE 265				Operational Noise Survey - The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to the project operation alone do not exceed an hourly average exterior noise level of 49 dBA measured at monitoring location LT1 and 43 dBA measured at monitoring location LT2. See Decision NOISE-4 for further specifications.	survey	Conduct the operational noise survey	Within 30 days of achieving a sustained output of 85 percent of rated capacity	4/12/2020		Not Started										Innova	DSR
NOISE	NOIS	SE-4b (COM/OPS	Survey Summary Report - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional miligation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey to the CPM	Within 15 days after the survey	5/1/2020		Not Started										Innova	DSR
NOISE 267	NOIS	ISE-4c (COM/OPS	Revised Noise Survey Summary - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owner shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	Conditional		Not Started										Innova	DSR
NOISE 268				Occupational Notes Survey - Following the project's statement of a sustained output of 85 percent or greater of 8s stated capacity, the project convier shall conduct an occupational role survey to identify any noise hazardous areas within the power plant. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California code of Regulations, Sections 1905-5909 (Articla 105) and Title 29, Code of Federal Regulations, Section 1910-95. The survey results shall be used to determine the magnitude of employee noise exposure. (See Decision NOSE-5 for further information).	The project owner shall submit the noise survey report to the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request from OSHA and Cal-OSHA.	Submit to the CPM a summary report of the new noise survey	Within 30 days after completing the new survey	4/12/2020		Not Started					(Ref Only)					Innova	DSR
NOISE		ISE-6		Construction Noise Restrictions - Heavy equipment poperation and noisy construction work, including pile driving, shall be restricted to the times defineated in this condition (See Seiskin NOIS-65, 10-construction work shall be performed in amanner to ensure excessive mole (noise that drivina a project-related complaint) is prohibited and the patiential for noise creative molecular to the patiential for noise that the patient is provided to the patiential for noise that the patient is provided to the patiential for noise that the patient is provided to the patient of provided that the patient is provided to pregime charact branchia of devices. Hall wrote shall be poperated in accordance with posted speed limits. Truck engine enhabit to Pasie use (jake brasking) shall be limited to emergencies.		Statement acknowledging restrictions	Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019				1/22/2019 (Ref Only)	1/24/2019				SERC	GAL
NOISE	NOIS	ISE-7a	CONS	Pile Driving Technique - The project owner shall perform pile driving in a manner to reduce the potential for any project-related noise and vibration complaints. The project owner shall notify the residents in the vicinity of pile driving prior to start of pile driving activities.	The project owner shall submit to the CPM a description of the pile driving technique to be employed, including calculations showing its projected noise impacts at monitoring location LT1.	driving technique to	At least 15 days prior to first pile driving	Conditional		Not Started					(Ref Only)					SERC	GAF

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1	Stanto	n Energ	y Reliabi	lity Center Compliance Matrix (16	-AFC-01)								CBO Color Code:		Pre-Construction						
2	All Phase	es					-	6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final	Staff Assessment								Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
274	NOISE	NOISE-7b	CONS	Notify Residents, Pile Driving - See NOSE-7a	The project owner shall notify the residents within one mile of the pile driving, in this notification, the project owner shall state that it will perform this activity in a manner to reduce the potential for any project-related noise and vibration complishers as much as practicable. The project owner shall submit a copy of this notification to the CPM prior to the start of pile driving.	Notification to residents within one mile of the project with copy to CPM	At least 10 days prior to first pile driving	Conditional		Not Started					(Ref Only)					JACOBS	GAL
272	PAL	PAL-1a	PC	Paleontological Resources Specialist - Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Specialist (PRS) shall meet the minimum qualifications des	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability to CPM	At least 60 days prior to the start of ground disturbance	11/3/2018	10/18/2018	Completed	10/18/2018									JACOBS	GAL
273	PAL	PAL-1b	PC	Paleontological Resources Monitors - Ensure that the PSR Obtains qualified Paleontological Resource Monitors (PRMs) to monitor as he or she deems necessary on the project. PRMs shall have the equivalent of the qualifications described in this condition (PAL-1).	disturbance, provide a letter with resumes naming anticipated monitors, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	PRM Resumes & Quals	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018 7/9/2019	Completed	11/9/2018									JACOBS	GAL
274	PAL	PAL-1c	PC/CONS	Certify additional PRMs (See PAL-1)	PRS shall provide additional letters and resumes to the CPM if needed.	PRM Resumes & Quals	No later than one week before beginning site duties.	Conditional	6/14/2019 6/17/2019(Campbell) 7/9/2019 (Serrano) 8/20/19 9/3/2019 9/23/19 By Paleo West (D Alexander) 10/9/19	In Progress	6/17/2019 6/17/2019 (Campbell) 7/11/2019 (Serrano) 8/20/19 9/5/19 9/25/19 (Alexander) 10/9/19									JACOBS	GAL
275	PAL	PAL-1d	PC/CONS	Replacement PRS (See PAL-1)	Prior to any change of the PRS, project owner shall submit resume of proposed new PRS to CPM for review and approval	PRM Resumes & Quals	No time specified.	Conditional	2/27/2019	Not Started	2/27/2019									JACOBS	GAL
276	PAL	PAL-2a	PC	Maps and Drawings to PRSs - Provide to the PRS and to CM, for approximation of the project, as described in this condition (soe Bedside PALS). It construction for the project proceeds in pilates, maps and drawings may be expressed in pilates, maps and drawings may be admitted to the project proceeds in pilates, maps and drawings may be described to the PRS and CPAM. The PRS or PRS shall construct weekly with the project plase shall be provided to the PRS and CPAM. The PRS or CPRM shall construct weekly with the project superintendent or construction field manager to confirm a mask) to be worked the following week.	At least 30 days prior to the start	Maps and drawings	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/21/2018									JACOBS	GAL
277	PAL	PAL-2b	PC	Revised Maps and Drawings - If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	Maps and drawings	At least 15 days prior to the start of ground disturbance	Conditional		Not Started										JACOBS	GAL
278	PAL	PAL-2c	PC/CONS	Schedule Changes - Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the	Schedule information	Within 5 days of identifying the changes	Conditional		Not Started										SERC	GAL
270	PAL	PAL-3a	PC	Paleontological Resources Monitoring and Mitigation Phin (PRMMP). A paleontological records monitoring and mitigation plus (PRMMP) shall be include elements (1) through (10) as specified in this condition. (See Decision PAL-3) and submitted to the CRM for review and approval to identify general and specific measures to minimize potential impacts to suprificant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project cowner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PBS, and acceptance of the PRMMP by the project owner evidenced by a signature.	PRIMMP	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	1/14/2019									JACOBS	GAL
2/9	PAL	PAL-3b	PC	Paleontological Resources Monitoring and Mitigation Plan (PRMMP) - A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See Decidine PA2) and submitted to the CPM for review and approval to dentify general impact of the part of t	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	CPM Approval of PRMMP	Prior to ground disturbance	1/19/2019	11/1/2018	Completed	1/14/2019									SERC	GAL
280	PAL	PAL-4a	PC	Worker Environmental Awareness Program, Paleontological Resources - Prior to ground dioturbance and forth duration of construction activities involving ground disturbance, as described in activities involving ground disturbance, as described in conduct useebs (70%-approved absentiological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	The project owner shall submit to the CPM for review and comment the draft WEAP, including the brochure and sticker. The submittal shall also include a draft training script and the set of reporting procedures for workers to follow.	Draft WEAP, brochure, sticker, script, and procedures.	At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018									JACOBS	GAL

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1 Stanto	n Ener	gy Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phas			,				6/30/2040							Construction						
3			Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning						
Technica Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with	Date Approved by	Condition Amended?	Condition	Amended	Date Submitted	Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other	Responsible	SERC Project
PAL PAL	PAL-4b		Final WEAP - See PAL-4a	The project owner shall submit to the CPM for approval the final MEAP and training script. If the project owner is planning to use a video for training, a copy of the training video shall be submitted following final approval of WEAP and training script.		At least 15 days before ground disturbance	2/3/2019	Date Submitted to CPM 1/10/2019	date)) Compléted	CPM 1/17/2019	Yes or No	Amendment Date	Language	to CBO	СВО	submit to?	to Other agencies	Agencies	Party JACOBS	Manager GAL
PAL 283	PAL-Sa	CONS/COM	WEAP Training Documentation/MCR ⁻ . No worker shall exercise or perform any ground disturbance activity prior to receiving CPM-approved WEAP training by the PSC, unless specifiedly approved by the CPM. (See Decision PAL-5 for further specifications).	Report (MCR), the project owner	number of personnel	Monthly	Monthly		In Progress										ARB	GAL
PAL 284			Alternate WEAP Trainer - See PAL-Sa	If the project owner requests an alternate paleontological WEAP trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct WEAP training prior to CPM authorization.	Resume and qualifications of WEAP trainer	Before installation of the alternate trainer	Conditional		Not started										ARB	GAL
PAL PAL	PAL-6a		Pateontagical Monitoring: The project owner shall mourse that the FSA and PMMIQ monitor, consistent with the PRMMP, all construction-related grading and executation in areas where potential forsib-bearing materials have been identified, both at the site and along any construction literal relative societied with the project. In the event that the PKS determines full- men monitoring in on excessary in locations that were the monitoring in on excessary in locations that were concurrence of the CMD. The PKS may not turber delegate the responsibility for determining whether confirmation of the project of the project of for specifications).	A copy of the daily monitoring log of paleontological resource activities shall be included in the monthly compliance report (MCR).	Daily monitoring log and summary of monitoring activities with MCR	Monthly	Monthly		In Progress										JACOBS	GAL
PAL PAL	PAL-6b	CONS	Notification of Change in Monitoring - See PAL-Ga	The project owner shall ensure that the PSS submit the summary of monitoring and paleontological activities in the NCW. When feasible, the CPM shall be notified activities in the NCW. When feasible, the CPM shall be notified officered from that destriked in the PSMAMP, which will require concurrence between the PSS and CPM. If there is any unforeseen change in monitoring, the notice shall be given as soon a possible prior to implementation of the change.	Notification of proposed change in monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Not started										JACOBS	GAL
PAL 287	PAL-7		Paleontological Resources Report - The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRs. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.	the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground- disturbing activities, including landscaping	8/21/2020		Not started										JACOBS	GAL
PAL	PAL-8	CONS/COM /OPS	Curation Entity/Curation Fees - The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed, including collection of fossil material, preparation of fossil material for analysis, analysis of fossils, identification and inventory of fossils, preparation of fossils for curation, and delivery for curation of all significant paleotrological resource materials encountered and collected during project encountered and collected during project and the project project of the project collected and curated as a result of paleontological material collected and curated as a result of paleontological material collected and curated as a result of paleontological material collected and curated as a result of paleontological movement for the project curator with documentations showing the project convenience showing convenience of curater with documentations showing the project convenience showing the project curater with documentations showing the project curater with documentations and supplied convenience curater with documentations do convenience curater with documentations do convenience curater with documentations do convenience curater with documentations do convenience curater with documentations do convenience do convenience d	Within 50 days after the submittal of the PRR, the project owner shall submit documentation to the CPM dentifying the entity that will be responsible for curating collected speciment. This documentation shall also show that these have been paid for curating the collected specimens. This documentation shall also show that these have been paid for curating the collected specimens of the curation of the collected specimens.	entity responsible for	Within SQ days of submittal of the PRR	10/4/2020		Not Started										JACOBS	GAL

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			y Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
3	All Phase	es						6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	staff Assessment								Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
289	SOCIO	SOCIO-1	PC	School Facility Development Fee - The project owner half pay the current on-time statutory school facility development fee to the Magnolis Elementary School District and to the Anahem Union High School District as authorited by Education Code Section 17600 and the Magnolis Elementary School District Board Policy Board Folia School District Bo	The project owner shall provide to the compliance project manager (CPAI) proof that the delegate chief building official (DCBO) has calculated the assessable covered and enclosed space consistent with local practices and shall provide proof of payment of the development fees, based on the calculated space and current school development fees, to the Magnolia Elementary School District and to the Anaheim Union High School District and the Anaheim Union High School Di	Payment / Proof of payment of the development fees	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	12/5/2018				1/7/2019	1/10/2019				SERC	GAL
290	S&W	SOIL & WATER-1a	PC	NPDES Construction Permit Requirements - The project conner shall manage storm water pollution from project conner shall manage storm water pollution from project construction activities by fulfilling the control polary flower pollution from the project construction and the project construction and polary flower pollution project polary flower polary	and that a waste discharge lidentification number (WDID) was issued by the State Water Resources Control Board (SWRCB).	construction permit was granted and a WDID was issued	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
291	S&W	SOIL & WATER-1b	PC	NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQB		At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
292	S&W	WATER-1c		Correspondence with SARWQCB - See SOII & WATER 1a	the CPM any correspondence between the project owner and the SWRCB or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDE's permit for discharge of storm water associated with this activity. This information shall include the notice of intent, the notice of termination, and any updates to the construction SWPPP.	between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	Conditional		Not started					SWPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL
	S&W	SOIL & WATER-2a	PC	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, Olivision 13 and Title 9, Division 1, of the Orange County Code. The project owner shall grow for with Wiley To orange County construction storm water BMPs to Orange County for construction storm water BMPs to Orange County for receive and the CPM for review and sporoval. The project count shall grow the project of the construction storm water BMPs to Orange County for project county shall be considered to the project county shall be considered to the project county shall be project to the county of the project county shall be project to the county of the CPM or project to the county of the county for project we make shall be project to project the project shall be project to project pr	The project owner shall provide a WQMP for post construction storm water BMPs to the CPM and to the OZA and CPM and Works Department.	construction	At least 120 days prior to site grading	9/14/2018	3/14/2018 (Rev2/19) 3/27/2019	Completed	9/14/2018				PC1:1/17/2019 PC2:2/21/19 PC3: 3/18/19 (Ref Only)	3/27/2019				SERC	GAL
293	S&W	SOIL & WATER-2b	PC	Orange County Public Works Department Review of WQMP - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18									SERC	GAF
295	S&W	SOIL & WATER-2c		SOIL & WATER 2a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the county regarding storm water management.	correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	Conditional		Not Started										SERC	GAL
296	S&W	SOIL & WATER-3a		obtain a National Pollutant Discharge Elimination System permit for discharge when applicable. The project owner shall comply with the requirements of project owner shall comply with the requirements of hydrostatic testing and elevatering (if applicable) water discharge. The project covers shall provide a copy of all premit documentations ent to the Sank Ana Regional Water Quality Control Board (SANVICE) or State Water Resource: Control Board (SANVICE) to the CPM source of the CPM in writing of any reported non- compliance.	the CPM documentation that all necessary NPDS permits were obtained from the SARWQCB or SWRCB at least 30 days prior to construction.	NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018	12/4/2018	In Progress	12/13/2018				(Ref Only)					SERC	GAL
	S&W	SOIL & WATER-3b	PC	NPDES Plans and Permits - See SOIL&WATER-3a	The project owner shall submit to the CPM a copy of the relevant plans and permits received.	Plans and permits	Thirty days (30) prior to project construction	12/3/2018	12/6/2018	Completed	12/11/2018				(Ref Only)					SERC	GAL
297	S&W	SOIL & WATER-3c	PC/CONS/O PS	Correspondence with SWRCB - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB regarding NPDES permits in the annual compliance report.	Copies of correspondence	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	GAL

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4			Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
S&W 299	SOIL & WATER-4a		Water Use and Reporting: "Water supply for project construction and operation shall be potable water supplied by Golden State Water Company, Project supplied by Golden State Water Company, Project water use for construction shall not exceed \$4.00 and \$4.7 The project comer shall record shall water use for commer shall record shall water use for the project's construction and operation. The project owner shall complex by with the water use limits and reporting requirements described below.	report shall include a monthly summary of daily water use.	Summary of daily water use	Monthly Compliance Report	Monthly		In progress					(Ref Only)					ARB	GAL
S&W	WATER-4b		Water Use and Reporting - Water supply for project construction and operation shall be polable water supplied by Golden State Water Company, Project water use for construction shall not excess 6.5 acre-feet. Project operation water use shall not exceed 3.4 APT. The project comer shall record shall water use for commer shall record shall water use for the project's construction and operation. The project owner shall complex by with the water use limits and reporting requirements described below.	report shall include a monthly summary of daily water use.	Monthly and annual summary of water use	Annual Compliance Report	12/31/2020		In Progress					(Ref Only)					SERC	DSR
\$&W	WATER-Sa	PS	supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallions per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	are operational.	shall submitto the CPM evidence that they have complied with all requirements and paid the necessary fees for connection	At least thirty (30) days prior to use of the Golden State Water Company potable water supply	12/3/2018 11/28/2019	11/29/2018	In Progress	12/1/2/18				(Ref Only)					ARB	GAL
\$&W	WATER-5b	OM/OPS	Water Metering: The water supply for project construction and posterion shall be the potable water supply from Golden State Water Company, Prior to the user of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden's State Water Company, Those metering devices shall be operational for the life of the project.	are operational.	metering devices have been installed and are operational	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	11/28/2019	2/22/2019 3/21/2019	In Progress					(Ref Only)					SERC	GAL
\$&W	SOIL & WATER-Sc	COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company, Prior to the user of water during commercial operation, the project cowner shall install and maintain metering devices as part of the water supply and distribution system to water the water supplied from the project company. The company is the project of the water supplied from State Water Company. The company is the project of the project is also project.		Provide a report on the servicing, testing, and calibration of the metering devices in the ACR	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
\$&W	SOIL & WATER-Sd	COM/OPS	Water Metering - The water supply for project construction and operation shall be the protable water supply from Golden State Water Company, Prior to the use of water during commercial operation, the project cowner shall install and maintain metering devices as part of the water supply and distribution system to work the project of the water supply and distribution system to work the project of the water supply and distribution system to work the project of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Fees paid to Golden State Water Company shall be reported in the Annual Compliance Report (ACR)	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
S&W 305	SOIL & WATER-6a	PC/CONS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	The owner shall provide the CPM documentation indicating that the city has accepted the project's connections to the sewer system.		Prior to the use of the city's sewer system		(Pacific Street - existing line) 5/9/2019	Completed	5/16/2019				(Ref Only)					ARB	GAL
S&W 306	WATER-6b	/OPS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	shall be reported in the ACR.	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
S&W 307	WATER-6c	/OPS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Monthly and annual summary of waste water discharge.	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
S&W 308	SOIL & WATER-7	PC/CONS	Jack and Bore Permits - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project conner shall apply for coverage under the following permits: (see Decision SOII.8.WATER-7 for 1st) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Completed	6/19/2019				(Ref Only)					SoCalGas	GAL

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Technica Resource	Cond. #	Phas		Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with	Date Approved by	Condition Amended?	Condition	Amended	Date Submitted	Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other	Responsible	SERC Project
S&W	SOIL & WATER-8	PC is	Bridge Encoachment Permits - The project owner shall obtain an encroachment permit for the construction of the whelle and utility offices from the construction of the whelle and utility offices from the construction of the whell and utility offices and construction of the construction	any comments from Orange	encroachment permit	At least ninety (90) days prior to bridge construction	11/27/2018	Date Submitted to CPM 9/17/2018	date]) Completed	CPM 12/13/2018	Yes or No	Amendment Date	Language	to CBO 2/5/19 (Ref Only)	CBO 2/5/19 (Ref Only)	submit to?	to Other agencies	Agencies	Party SERC	Manager GAL
S&W	SOIL & WATER-8	PC	OCPWD Permit - See SOIL&WATER-8a	The project owner shall submit a copy of the final approved permit from Orange County Public Works Department to the CPM for review and approval.	approved permit from	At least 30 days prior to bridge construction	1/26/2019	2/1/2019	Completed	3/12/2019				2/5/2019 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
STRUC			NS Project Structures Plans and Specifications - Prior to the start of any increment of Construction, the protect supporting Councertaint to the Col Or design review and acceptance for all project structures and equipment desired in the Cit-Dapported matter drawing and matter specifications list. The design plant and calculations while finds the Dapported matter drawing and matter specifications list. The design plant and calculations while finds the Dapported matter drawing and matter specifications list. The design plant the Colon Start Colon Construction of any structure or component Stall and Colon Start Co	the CBD the above final design blank, specifications, and calculations, with a copy of the variantial letter to the CPM. The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement of tom the CPM, in the next monthly compliance report, a copy of a statement from the CGD that the cPM.	specifications, and calculations and transmittal letter to CPM	At least 30 days (or project owner- and or project owner- and alternative time frame) prior to the start of any increment of construction of any increment of component listed in the CBO-approved master drawing and master specifications for the CBO-approved master drawing and master specifications for the CBO-approved master drawing and master specifications for the CBO-approved master drawing and master specifications.	1.0. 1177/903 10. 17.117/903 10. 17.117/903 10. 17.117/903 10. 17.17/903 10. 17.17/903 10. 17.17/903 10. 17.17/903 10. 17.17/903 10. 17.18/903 10. 17.18/903 10. 17.18/903 10. 17.18/903 10. 17.18/903 10. 17.18/903 10. 17.18/903	1.0 Compaction: ½15/19 1.10 Bridge Design: 1.10 Bridge Design: 1.10 Bridge Design: 1.10 State Design: 1.10 S	In Progress In Progress	N/A				1.0. Compaction: 1.0. Link 1	1.0 Compaction: 1.0 Exploration: 1.0 Exp				Power SERC	GAL GAL
STRUC	STRUC-1	c PC/CC	NS CBO Approvals Reported in MCR - See STRUC-1a	have been approved and comply with the requirements set forth in applicable engineering LORS. The project owner shall submit to the CPM, in the next monthly	Report list of	Monthly	Monthly		In Progress					Monthly					SERC	GAL
				compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	calculations															
	STRUC-2		Non-Compliance Procedures: The project owner shall submit to the Cibb en required number is best of the following documents related to work that has undergened Cibb design review and approval (per Decision STRUC-2 for specifications). Corrective Action Documentation - See STRUC-2a	owner shall prepare and submit a Non-Compliance Report (NS), describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section.	corrective action, and transmittal letter	Within 5 days of discovering a discrepancy	Conditional		Not Started Not Started										SERC SERC	GAL
				Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.			Conditional												SERC	GAL
			S Corrective Action Documentation - See STRUC-2a	the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.		resolution of the NCR			Not Started											
STRUC	STRUC-2	c CON	S Corrective Action Documentation - See STRUC-2a	Project owner shall transmit copy of CBO's approval or disapproval of the corrective action to the CPM within 15 days	CBO approval or disapproval of corrective action	Within 15 days of the resolution of the NCR	Conditional		Not Started										SERC	GAL

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						Revised 4/30/2019		Based on Final	Staff Assessment								Operations						
R	echnica	e '	Cond. #	Pha	-	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
18	STRUC		TRUC-2d			orrective Action Documentation - See STRUC-2a	If disappoved, the project owner shall advise the CPM, within 5 days, of the reason for disapproval, and the revised corrective action to obtain CBO's approval	Advise CPM of CBO's disapproval and revised corrective action	Within 5 days after receiving CBO disapproval	Conditional		Not Started										SERC	GAL
10	STRUC	ST ST	TRUC-3a	PC/C	to by sp of	inal Design Changes: The project owner shall submit to the CBO design changes to the final plans required by the 2016 CBC, including the revixed drawings, perceptifications, calculations, and a complete description f, and supporting rationale for, the proposed hanges, and shall give to the CBO prior notice of the tended filing.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO	Schedule suitable to the CBO	6/30/2019		Not Started										SERC	GAL
	STRUC	ST	TRUC-3aa	a PC/C	by sp	Intel Design Changes - The project owners shall submit to EOD design changes to the final plans required by the 2016 EOE, including the revixed drawings, perclirations, calculous, and a complet description f, and supporting rationale for, the proposed hanges, and shall give to the CBO prior notice of the tended filing.	design changes, and shall submit	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	6/30/2019		Not Started										SERC	GAL
20	STRUC	S1	TRUC-3b	PC/C	ONS PI	lan Approval Notification in MCR - See STRUC-3a	The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Notification of CBO Plan approval in MCR	Monthly	Monthly		In Progress										SERC	GAL
21	STRUC	ST	TRUC-4a	co	e	ank and lackMat Vessed Design - Tanks and vessels of the containing quantilise of toxic or hastandow materials sceeding amounts specified in the 2016 CRC shall, at a similar way. The containing the complex of the complex of the complex of the squirements of that chapter.	The project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, specifications, and calculations	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	10/20/2019												SERC	TAT
23	STRUC		TRUC-4b			BO Approvate in MCR - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CBM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Copies of CBO approvals in MCR	Monthly	Monthly		In Progress										SERC	GAL
24	TLSN		TLSN-1	со	cc ac U D, O	6 kV Line Requirements - The project owner shall nontruct the proposed 64-V transmission line coording to the requirements of California Public littly Commission's 60-05, Got 128, Got 93,	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming that the line will be constructed according to the requirements stated in the condition.	Letter affirming construction in accordance with requirements	At least 30 days prior to start of construction of the transmission line or related structures and facilities	6/1/2019	3/15/2019	Completed	4/4/2019				3/15/2019 (Ref Only)	3/18/2019				SCE	GAL
	TLSN		TLSN-2	co	p	Netallic Objects Grounded - The project owner shall nsure that all permanent metallic objects within the ropoxed route are grounded according to industry tandards.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming compliance with this condition.	Letter affirming compliance	At least 30 days before the line is energized	12/27/2019		Not Started					(Ref Only)					SCE	GAF
26	FRANS		RANS-1a		D re A W si	oadway Use Permits and Regulations - The project were shall comply with limitations imposed by the perahrent of Transportation (Caltrans) and other elevant jurisdictions, including the cities of Stanton, hashen, Buena Park, Garden Grove, an Vestminister, and the county of Orange, on which teres and weights, driver licensing, and truck routes.	The project owner shall identify the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly		In Progress					(Ref Only)					ARB	GAL
27	TRANS	TI	RANS-1b	co	NS C	opies of Permits - See TRANS-1a	The project owner shall retain copies of permits and supporting documentation on-site for compliance project manager (CPM) inspection if requested.	Copies of permits and documentation	During construction	Monthly		In Progress					(Ref Only)					SERC	TLB
	FRANS	TI	RANS-2a	Pi	th Co Ti ve sc rc St Ti tc an	raffic control Plan - Pico to the text of construction, per opicit owner shall propare a Traffic - ontrol Plan (TCP) for the project Sconstruction traffic, ontrol Plan (TCP) for the project's construction traffic, the TCP shall address the novement of works, which would be considered to the project owner shall consult and deputy pouts. The project owner shall consult with the cly of the traffic owner shall consult with the cly of the cly in shall consult the proposed TCP. The project owner shall consult be proposed TCP. The project owner shall consult be proposed TCP. The project owner shall some the proposed TCP. TCP is the project owner shall be TCP. TCP is the TCP br>TCP TCP TCP TCP TCP TCP TCP	The project owner shall submit the TCP to the city of Stanton for review	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	12/6/2018	10/18/2018	Completed	12/16/2018	Yes	3/5/2019	Increased allowable truck traffic to 120 trucks per day	1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019 7/1/2019	3/4/2019 7/17/2019	JACOBS	GAL

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3						Based on Final S									Commissioning						
4				Revised 4/30/2019		Based on Final S	Starr Assessment								Operations						
T F	Technical Resource	Cond. #	Phase PC	Description Traffic Control Plan - Prior to the start of construction,	Verification/Action/Submittal The project owner shall submit	Submittal Traffic Control Plan	Date Submittal is Required At least 60 calendar	Due Date 11/29/2018	Date Submitted to CPM 11/29/2018 3/1/2019	Compliance Status for CPM (Not started, in progress, completed (with date)) Completed	Date Approved by CPM 12/21/2018	Condition Amended Yes or No	Condition Amendment Date 3/5/2019	Amended Language 3/5 Increased	Date Submitted to CBO 1/22/2019	Date Approved by CBO 1/23/2019	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party JACOBS	SERC Project Manager GAL
329				The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure	the TCP to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letter to the city of Stanton requesting review and comment.	and transmittal letter to City of Stanton	days prior to the start of construction		7/1/2019		3/5/2019 7/18/2019	No No		allowable truck traffic to 120 trucks per 7/18 Inclusion of Main Street between Beach and Fern	(Ref Only)						
330		TRANS-20		Letters of Comment on TCP - See TRANS-2a	copies of any comment letters received from the city of Stanton or any other interested agencies, along with any changes to the TCP, for CPM review and approval.	Copies of comment letters	At least 30 calendar days prior to the start of construction	1/5/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019				Jacobs	GAL
331		TRANS-20		Final TCP to City - See TRANS-2a	The project owner shall provide completed copies of the final TCP to the city of Stanton and any other interested agencies, sending copies of the correspondence to the CPM.	City and interested parties	approval	3/1/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019	3/4/2019	JACOBS	GAL
332	TRANS	TRANS-3a		of Way - The project owner shall restore all public roads, easements, rights-of-way, and yother transportation infrastructure damaged due to project-related construction and traffic. Restoration shall be completed in a timely manner to the linf astructure shall be completed in a timely manner to the linf astructure, which could cause heart shall be completed, and the shall be completed with the could cause heart shall be considered with the could cause heart shall be counted by the shall take place immediately after the damage has occurred. Pior to the start of slate mobilization, the project owner shall only the relevant agencies, or the shall be considered to	Prior to the start of site mobilitation, the project owner shall videotape roads and interactions along the major routes construction vehicles would take in the scienty of the would take in the scienty of the control of the scientific start of the scientific start of the scientific sci	Videotage of pre- project road conditions	Prior to the start of site mobilization	1/31/2019	1/30/2019	Completed	1/31/2019				1/31/2019 (Ref Only)	1/31/2019				SERC	GAL
333	TRANS	TRANS-38			the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.		After road damage has been identified	Conditional		Not started					(Ref Only)					SERC	GAL
334	TRANS	TRANS-3c	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project where the control of the CPM and the affected agency/agencies to repaired. At that ince, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM rollowing completion and the completion of CPM with letters agency agency affected agency/ agency affected agency/ agency agency affected agency/ agency affected agency/ agency ag	Letters signed by the agency accepting the repairs	Following completion of repairs	Conditional		Not started					(Ref Only)					SERC	GAL

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	All Phas		у кенарі	lity Center Compliance Matrix (16-	AFC-01)			6/30/2040					coo color code.		Construction						
3	All IIus					Based on Final S									Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
335	TRANS	TRANS-4a	PC	Encrachment into Public Rights of Way - Prior to any ground disturbance, improvements, or obstruction of traffic within any public road, easternet, or right-of-way, the project owner shall coordinate with all applicable jurisdictions, including the city of Station, to obtain necessary encroachment permits and comply with all applicable regulations, including applicable road standards.	The project owner shall provide copies to the CPM of all permits received from any affected jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19 SCE 9/20/19	7/31/2019	Completed	8/1/2019				(Ref Only) 7/31/19					SoCalGas/SCE	GAL
333	TRANS	TRANS-4b	CONS/OPS	Copies of Permits - See TRANS-4b	The project owner shall retain copies of the issued permits and supporting documentation in its compliance file.	Copies of the issued permits	Minimum of 180 calendar days after the start of commercial	11/12/2020		In Progress										SERC	TLB
330	TRANS	TRANS-5a	CONS	Transportation of Hazardous Materials - The project owner shall contract with licensed hazardous materials deflevely and wash basic companies for washes. The transportation of hazardous materials and waster. The applicable regulations are compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in MCRs	operation. Monthly during construction	Monthly		In Progress					(Ref Only)					SERC	GAL
337	TRANS	TRANS-5b	OPS	Transportation of Nazardous Materials - The project owner shall contract with itemed hazardous materials deficiely and waste hausel companies for the other shall be of the other shall be of the other shall be of the other shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauter companies used, as well as licensing verification. Licensing verification only needs to be included in the NCRs when a new company is used, if a company's lecensing verification has already been submitted in an NCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in ACR	Annual Compliance Report	12/31/2020		Not started					(Ref Only)					SERC	DSR
220	TRANS	TRANS-6a	PC	Nail Creating Safety Plan - Prior to any construction related ground disturbance, the project-ownershall develop and implement a rail crossing safety plan for construction that addresses construction-related opedestrian activity (including workers walking between the parties are ad the site or working at the property of the property	The project owner shall submit the rail crossing safety plan to the city of Stanton for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	12/21/2018									Jacobs	GAL
240	TRANS	TRANS-6b		Nall Consign_Safety Plan-Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail consign_gafety plan for overlop and implement and consign_gafety plan for packers and plan for the property of the plan for packers and plan for the property of the plan for packers and plan for the plan for the plan for the between the parting area and the site or working at the site, construction vehicles, and heavy/mersize usual. The rail crossing afety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to Union Pacific Rairoud (UPRR) for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	N/A						UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL
341	TRANS	TRANS-6c		Rail Consign Safety Plan- Prior to any construction- critical ground disturbance, the project owner shall develop and implement a rail cossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking) between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loss). The rail crossing aftery plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	the rail crossing safety plan to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letters to the city of Stanton and UPRR requesting review and comment.	letters to City and UPRR	At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	12/3/2018	Completed	1/24/2019						City of Stanton UPRR	City of Stanton: 10/291/2018; UPRR: 11/1/2018	City of Stanton: 10/29/18	SERC	GAL
342	TRANS	TRANS-6d	PC	Final Rail Crossing Safety Plan - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction- related ground disturbance	1/19/2019	12/3/2018	Completed	1/24/2019									JACOBS	GAL
343	TRANS	TRANS-6e		Final Rail Crossing Safety Plan - See TRANS-6a	the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction- related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019						City of Stanton UPRR			SERC	GAL
344	TRANS	TRANS-7	CONS	FAA Notification for Construction Equipment at or Exceeding 151 Fed. 2012. The project converse of its contractic(s) shall file Federal Aviation Administration (FAA) Form 7460-1, broke of Proposed construction or alteration, with the FAA for any construction equipment 153 feed shower ground level (Coll of Infler- ce) and the property of the PAA or project br>project proj	The project owner shall submit to the CPM a copy of the FAM's hazard determination.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 30 days prior to the presence onsite of any construction equipment 153 feet AGL or taller	4/24/2019	4/24/2019 5/1/2019 (corrected elevation)	Completed	5/1/2019 8/5/19									Jacobs	GAL

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		Energy	y Reliabi	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre-Construction						
2 All	Phases						1	6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Tec Res	hnical	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
345		FRANS-8a		Pilot Notification and Awareness - The project owner shall militate the following actions to ename pilots are aware of the project location and potential hazards to aviation. (See Decision TRANS-8 for specifications).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager. The letters should request a response within 30 days that includes a timeline for implementing the required actions.	Draft letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days following the start of construction	4/19/2019	3/20/2019	Completed	3/22/2019									JACOBS	GAL
TH.	RANS	FRANS-8b	CONS	Final Letters to FAA, LAAA, and FMA - See TRANS-&a	The project owner shall submit the required letters of request to the FAA, the LAAA Manager, and the FIAA Manager. The project owner shall submit copies of these requests to the CFMA. Acopy of any resulting correspondence shall be submitted to the CFMA within 10 days of receipt. If the FAAA the LAAA Manager, or the FAAA the LAAA Manager, or the FAAA manager does not respond within 30 days, the project owner shall contact the CFMA.	Final letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days after CPM approval of the draft language	5/7/2019	3/22/2019	Completed	5/22/2019						Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL
TI	RANS	FRANS-8c	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- Ba	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019 Additional LAAA correspondence Transmitted on 5/13/19	Completed	4/11/2019									SERC	GAL
348	RANS	FRANS-8d	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- 8a	Contact the LPM. A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Contact CPM if FAA, LAA Manager or FMA manager does not respond	Within 30 days after submittal	5/8/2019	5/8/2019	Completed	5/9/2019									SERC	GAL
240	TSE	TSE-1	CONS	Schedule of Designs, Master Drawing List, Specification Lists: Turnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in the condition (See Decident) TSS-Li), a Master Drawing List, a Master Specifications List, and a Mayor Equipment and Structure List. Provided designated packages to the CPM within requested.	Prior to the start of construction, submit the schedule, a Master Drawing Est, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	Prior to the start of construction of transmission facilities	5/1/2019	5/30/2019	Completed	6/17/2019				5/29/2019	6/12/2019				Power	GAL
350	TSE	TSE-2a	CONS	Final Swichyard Design- For the power plant switchyard, Design- For the power plant switchyard, outel level, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change oncless, shall remain on the site for one year after completion of construction. The project owner plans are completed on the construction of the project owner plans are completed to the project owner plans and the project owner plans are completed to the project owner plans and the project owner plans are completed to the project owner plans and the project owner plans are plant to the project owner plans and the project owner plans are plant to the p	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the country of the country of the signed and sample of the signed and sample statement from the responsible electrical engineer verifying congilarce with all applicable LORS.	Approval of Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter by CBO	Prior to the start of each increment of construction - Switchyard a) Civil design b) Structural design c) electrical design - Gen-Tie a) Civil design b) electrical design b) electrical design	6/30/2019		Completed					2-1.0 8/2/19 PC1	2-1.0 8/22/19 PC1				Power / SCE	GAL
351	TSE	TSE-2b	CONS/COM /OPS	Final Swichyard Design- For the power plant switchyard, Oselies, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect that the CBO inspect in the installation to ensure compliance with the requirements of applicable LDIS.	The project owner shall submit to the CBO for review and approval the final delap plants, lattions for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Maintain Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter	For 1 year after completion of construction	10/13/2021												SERC	DSR
	TSE	TSE-2c	CONS	Final Swichyard Design- For the gower plant switchyard, Design- For the gower plant switchyard, outlet level and termination, the project owner shall not begin any construction have been approved by the GEO. These plant, together with design changes, the plant of the gower plant of the GEO and the gower plant of the gower plant of the gower plant of construction. The project owner shall request that the GEO inspect the installation to ensure compliance with the requirements of applicable LOIS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plans twickprard, outlet line, and termination, including a copy of the signed and stamped state ment from the responsible electrical engineer verifying compliance with all applicable LORS.	Make request for CBO inspection of insallation applicable to LORS	During construction	1/2/2020												SERC	TLB
352	TSE	TSE-2d	CONS/COM /OPS	Transmittal Letter in MCR - See TSE-2a	Send the CPM a copy of the transmittal letter to the CBO in the next monthly compliance report.	Transmittal in MCR	Monthly	Ongoing	8/14/2019	Completed	9/14/2019									SERC	GAL

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1 Stan	ton E	Energy	/ Reliabi	lity Center Compliance Matrix (16	-AFC-01)								CBO Color Code:		Pre- Construction				Ì		
2 All Ph	ases							6/30/2040							Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
Technic Resour	cal Cr	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by	Other Agencies to submit to?	Date Submitted	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
TSE	1	TSE-3	CONS/COM /OPS	Design, Construction, and Operation of Transmission Facilities - The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition (See Decision TSE-3 for further specifications).	Prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list	Prior to the start of construction or modification of transmission facilities	10/1/2019	Date submitted to CPM	catejj	CPM	TES OF NO	Amendment Date	Language	to CBU	CBO	submit to?	to Other agencies	Agencies	SERC	GAF
TSE 355		TSE-4a		Netice to CAISO. The project comes shall provide the following existinc to the Californian independent system (Operator (California ISO) prior to synchronizing the California ISO) and the state of the California Stanussion system: 1. At least one week prior to synchronizing the Scalifornia ISO a letter stating the proposed date of synchronizing the facility and the california ISO a letter stating the proposed date of synchronization; and 2. At least or one business day prior to synchronize in consideration of the california ISO datage Coordination Department.	copies of the California ISO letter to the CRM have it is sent to the Laffornia ISO net week prior to the Laffornia ISO one week prior to mainly hydronication with the mainly hydronication with the contact the California ISO Outsgewood (1997) and 1997 of the California ISO of the CPM one day before synchronizing the facility with the California ISO of the CPM one day before synchronizing the facility with the California ISO of the CPM one day before synchronizing the facility with the California ISO of the CPM one day before synchronizing the facility with the California IsO of the CPM one day before synchronizing the facility with the California IsO of the CPM one day before synchronizing the facility with the California IsO of the ISO of	CAISO letter and report of conversation with CAISO	Letter one week prior and report of Conversation one day before initial synchronization with the grid	2/11/2020		Not Started										SERC	DSR
TSE	T.	FSE-4b	CONS	Notice to CASIO-The project owner shall provide the following motice to the california independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a sand 2. At least one business day prior to synchronizing the facility with the California ISO and and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide to open of the Caffornia SQ letter to the CPM when it is sent to the caffornia SQ on work profit or initial synchronization with the caffornia SQ on the project owner shall apply that the caffornia that the caffornia that the caffornia that the caffornia that caffornia t	Telephone notification to CAISO Outage Coordination department Note: use recorded line at 24hr desk	Letter one business day prior and report of conversation one day before initial synchronization with the grid	2/4/2020		Not Started										SERC	DSR
357	Т	TSE-Sa	COM/OPS	As Bull Drawings. The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CEU September 10 of the C	to the CPM and CBO "as built engineering descriptions" and	Inspect transmission facilities during and after project construction. Contact CBO in writing with non-conformance of the transmission facility.	Within 10 days of discovering non- conformance	Conditional		Not Started										SERC	TLB
TSE 358	T	FSE-Sb	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPAI and CDI approved changes therefore, because the control of the control of the control of the SC CPU. CO 128, or NESC. Tale A CCR, Articles 33, 36 and 37 of the "Nilly Voltage Exectic Selety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of inducend CPM and CEO in writing, within 10 days of discovering CPM and CEO in writing, within 10 days of discovering control of the control of the control of the control of scions to be taken.	to the CPM and CBO "as built engineering descriptions" and	"As built" engineering descriptions and one line drawings of electrical portion of facility, signed and sealed by Electrical Engineer in charge and a statement attesting conformance	Within 60 days after first synchronization of the project	4/18/2020		Not Started										SERC	GAF
359 TSE	Т	TSE-Sc	COM/OPS	As-Built Drawings - The project owner shall be responsible for the majection of the transmission and the second of the transmission and the second of the se	to the CPM and CBO "as built engineering descriptions" and	"As built" engineering descriptions of mechanical structure and civil portion of transmission facilities signed and sealed by Registered Engineer and maintain records at plant	Within 60 days after first synchronization of the project	4/18/2020		Not Started										SERC	GAF

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			y Reliabi	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2	III Phase	s						6/30/2040							Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
5	TSE	Cond. #	Phase COM/OPS	Description As-Built Drawings - The project owner shall be	Verification/Action/Submittal Within 60 days after first	Submittal Summary of	Date Submittal is Required Within 60 days after	Due Date 4/18/2020	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) Not Started	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAF
360	136	156-50		responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUG General Order (GO) 95, CPUG CO 128, or NESC, Title 4, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders," applicable interconnection standards, as well as NEC and related industry standards. In case of an entangle of monoconformance, the project owner shall inform the effort of the conformance, and describe the corrective actions to be taken.	synchronization of the project, the project convers shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TS:- Si Verification for specifications)	summary or inspections of the completed transmission facilities and identification of any nonconforming work and corrective actions taken, signed and sealed by registered engineer submitted to CPM and CBO	first synchronization of the project or completed transmission facilities			Not sarred										SERL	
361	VIS	VIS-1a		Surface Treatment of Project Structures - The project moment shall treat the surface of all project structures and buildings visible to the public such that all their colors minime value distribution and contrast by blending with the landscape; by their colors and the public such that the public such colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be nonspecular and non-reflective, and the insulators shall be non-reflective and non-refractive. See Decision ViS-1 for specifications)	the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	11/10/2017	2/26/19 3/6/2019	Completed	3/14/2019				3/12/2019 (Ref Only)	3/18/2019	City of Stanton	3/6/2019	3/11/2019 (City of Stanton Approval - no comments)	SERC	GAL
362	VIS	VIS-1b		Revised Surface Treatment Plan - See VG-1a	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	Revised Surface Treatment Plan	Any modifications to the treatment plan must be submitted to the CPM for review and approval	Conditional		Not Started					(Ref Only)					SERC	GAL
363	VIS	VIS-1c		Notification that Treatment Completed - See VIS-1a	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection and shall submit one set of electronic color photographs from the same Key Observation Points (KOP) 1 and 2.	treatment is completed and color photographs	Prior to the start of commercial operation	4/1/2020		Not Started					(Ref Only)					SERC	GAL
364	VIS	VIS-1d	OPS	Surface Treatment Maintenance - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the AGR. The report shall specify a; the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occured during the reporting year; and c) the schedule of maintenance activities for the next year	Status Report	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
	VIS	VIS-2a	CONS	Screening Landscaping Plans. The project owner shall also submit to the CVM for review and approval, and simultaneously to the city of Stanton for review and comment, a detailed landscape plan and rigitation plan for the power plant site in fulfillment of requirements of applicable laws, ordinances, regulations, and standards, including water efficiency irrigation standards as required by the city of Stanton. See Decision VS-2 for specifications.	The landscaping plans and irrigation plans shall be submitted to the CPM for review and approval and simultaneously the city of Stanton for review and comment at least 90 days prior to installation.	Landscaping and irrigation plans	At the earliest feasible time during or prior to construction and at least 90 days prior to installation	1/9/2020		Not Started					(Ref Only)					SERC	GAL
366	VIS	VIS-2b	CONS	Revised Landscaping and Irrigation Plans - See VIS-2a	If the CPM determines that the plans require revision, the project owner shall provide to the CPM and simultaneously to the city of Stanton a revised plan for review and approval by the CPM.	Revised landscaping and irrigation plans	No specific time frame	Conditional		Not Started					(Ref Only)					SERC	GAL
367	VIS	VIS-2c	COM/OPS	Landscape Installation Timing - See VIS-2a	The planting must occur during the first optimal planting season following completion of site construction	Landscape and irrigation installation	First optimal planting season following construction	5/1/2020							(Ref Only)					ARB	GAF
368	VIS	VIS-2d	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall simultaneously notify the CPM and the city of Stanton within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.	Notification that landscape is ready for inspection	Within seven days of completing the landscaping	5/9/2020		Not Started					(Ref Only)					SERC	GAL

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			y Reliabi	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 4	Phases	•				ı		6/30/2040							Commissioning						
4				Revised 4/30/2019		Based on Final S	staff Assessment								Operations						
T F	chnical source	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
369	VIS	VIS-2e	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall report landscaping maintenance activities, including replacement or dead or dying vegetation, for the previous year of operation in each ACR. The CPM shall have authority to require replacement planting of dead or dying vegetation through the life of the project	Status Report	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
370	VIS	VIS-3a	CONS	Site Lighting, Project Construction and Commissioning -Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting impacts. (See Decision VIS-3 for specifications).	The project owner shall notify the CPM that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019									ARB	GAL
371	VIS	VIS-3b	CONS	Lighting Modifications Corrections - See VIS-3a	If the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.	Lighting modifications/ corrections, notification to CPM	Within 14 calendar days of receiving notification	Conditional		Not Started										ARB	GAL
372	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Not Started										SERC	GAL
373	VIS	VIS-3d	CONS	Summary of Complaints in MCR - See VIS-3a	The project owner shall report any lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	Summary of complaints and resolution in MCR, including report and forms	Monthly	Monthly		In Progress										SERC	GAL
374	VIS	VIS-4a		Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be the comprehensive Lighting Management Plan shall be the submitted to the CPM, and the Planning Director of the submitted to the CPM. The project owner shall not provided to the CPM. The project owner shall not purchase or order any plighting fluture or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicate worker safety regulations, the project owner shall design, install, and maintain aid consistent with applicate worker safety regulations, the project owner shall design, install, and maintain and oid circled; visible from areas beyond the project size, gabe is avoided, and night lighting impacts are minimized or avoided to the maximum extent fessible. All lighting futures shall be selected to achieve high rorry getficiency for the facility. See Decision VS-4 for specifications).	The project owner shall submit the comprehensive lighting Management Plan simultaneously Management Plan simultaneously of Statistics of the city of Statistics for create and control of Statistics for create and supproval. The project conner shall provide the CPM with a copy of the transmitted left of the city requesting submitted to the city requesting when the received for the project conner provided to the CRM within 45 calendar days of receipt of said plan.	Lighting Management Plan and transmittal letters to Planning Director of City of Stanton for review and Comment	At least 90 calendar days before ordering any permanent ighting equipment for the project	12/3/2018		Completed					(Ref Only) Submit 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL
375		VIS-4b		Lighting Management Man, Project Operation - The project owner shall preave and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the loop of Statiston for simultaneous review and comment. Any comments on the plan from the oily shall be provided to the CPM. The project owner and comment. Any comments on the plan from the oily shall be provided to the CPM. The project owner hall not until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with application worker safety regulations, the project owner shall design, install, and maintain all parament exterior lighting such that light sources are not directly visible from sees beyond the project size, minimized or avoided to the massimum extert feasible. All lighting futures shall be selected to achieve high energy efficiency for the facility. See Decision VIS-4 for specifications).	comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal eletters submitted to the city requesting solution to the city requesting which is the city requesting of the city of	Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018				(Ref Only) Submit 6/4/2019					SERC	GAL
376	VIS	VIS-4c	CONS/COM /OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the role to plan requires revision, the project women shall provide a plan with the specified revision(s) for review and approval by the CPM. A countery copy of the revised pain shall be provided to the Planning Director of the city of Stanton for review and demonstrated the CPM front review and comment and the CPM front review and comment have the counterprovided the counterp	Revised Lighting Plan	No specific time frame	Conditional		Not started					(Ref Only)					POWER	GAL

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2 All Pha								6/30/2040							Construction						
3	+			Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning						
Technic Resource	al Co	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other	Responsible Party	SERC Project
VIS	٧	VIS-4d	CONS/COM	Lighting Inspection Ready, Notification - See VIS-4a	The project owner shall notify the CPM that installation of permanent lighting for the project has been completed and that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Prior to the start of commercial operation of the project	11/12/2020	Date Submitted to CPM	Not Started	CPM	TES OF NO	Amendment Date	Language	to CBU	CBO	submit to?	to Other agencies	Agencies	SERC	Manager GAL
VIS	٧	VIS-4e	COM/OPS	Changes to Lighting System - See VIS-4a	If the CPM notifies the project owner that modifications to the lighting system are required, within 30 days of receiving that notification, the project owner shall implement all specified changes and notify the CPM that the modified lighting system(s) is ready for inspection.	Changes to the lighting system	30 days after receiving the notification	Conditional		Not Started					(Ref Only)					SERC	GAL
VIS VIS				Lighting System Complaint - See VIS-4a	Within 48 hours of receiving a complaint about permanent project lighting, the project owner shall provide to the CPM a copy of the complaint report and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Notice to CPM	Within 48 hours of receiving a complaint permanent project lighting	Conditional		Not started					(Ref Only)					SERC	GAL
VIS				Status Report in ACR - Lighting System - See VIS-4a	Project owner shall report any complaints about permanent lighting and document their resolution in the ACR, accompanied by copies of completed complaint report and resolution forms for that year. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting midstine plan in the project owner shall not order any exterior lighting until receiving CPM approval of the lighting midstine plan in the property of the property	Status Report	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	DSR
VIS	٧	VIS-4h	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	Prior to COD, project owner shall notify CPM that installation of the lighting has been completed and is ready for inspection.	Notification to CPM	Prior to COD	11/12/2020		Not Started					(Ref Only)					SERC	GAL
VIS	١	VIS-4i	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection	Notification to CPM	Within in 30 days of receiving notification	Conditional		Not Started					(Ref Only)					SERC	GAL
WASTE	E WA	ASTE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 30 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit a Soils	Obtain approval letter from Orange County Waste and Recycling	30 days prior to transportation of soils for disposal to Olinda Alpha Landfill	1/19/2019	2/5/2019	Completed	2/12/2019						Orange County Waste and Recycling	2/5/18	2/12/18	SERC	GAL
WASTE	E WA	ISTE-10b	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 5 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit to the	Approval letter/correspondenc e from Orange County Waste and Recycling	Olinda Alpha Landfill	2/13/2019	2/14/2019	Completed	2/22/2019									SERC	GAL
WASTE	W#	ASTE-1a	PC	Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval.	Soil Management Plan Summary (SMP to be written and provided by NV5)	At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018									JACOBS	GAL
WASTE 386	E WA	ASTE-1b	CONS	SMP Summary - See WASTE-La	An SMP summany shall be submitted to the CPM within 25 days of completion of any earthwork.	Soil Management Plan Summary	Within 25 days of completion of any earthwork	6/1/2020		Not Started										JACOBS	GAL
WASTE		ASTE-3a		Indeational Engineer/Geologist. Provide the resum- of an experience dar qualified professional Engineer or Professional Geologist, who shall be available for or investional Geologist, who shall be available for consultation during be characterization (if needed), demolition, excavation and grading activities, to the Final Engineer/Geologist Report 1 if seremingly contaminates soil is identified during site or grading activities of the sereming of the sereming of the extra series of the series of the series of the series of the widenced by discoloration, door, detection by handhedid instruments, or other signs, the professional engineer or geologist shall imspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the contamination, and provide a written report to the solutions of the series of the series of the series of the Solutions of the series of the	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Ceologist to the CDM for review and The project owner shall submit any final reports filed by the professional engineer or professional engineer or professional engineer or which the professional engineer or professional engi	Professional Engineer / Geologist Resume Final reports by the engineer or geologist	At least 30 days prior to the start of site mobilization Within 5 days of receipt	12/3/2018 Conditional	11/30/2018 6/12/19 (final NV)s reports on 2 barrels and notification of barrel removal)	Completed Completed	1/8/2019 6/12/2019									JACOBS JACOBS	GAL GAL

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4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
S Re	chnical source	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
389	VASTE	WASTE-3b	CONS	Construction Half Notification - See W/STC-3a	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction due to contaminated soil.	Notify the CPM	Within 24 hours of orders to halt construction	Conditional		Not started										SERC	GAL
390		WASTE-4a		Construction and Demolition Environmental Resources Management Plan - The project convers shall prepare a Construction and Demolition (C. & D) Environmental Resources Management and Recycling Plans for demolition and construction wastes generated country's public Work/Planning Department for country's public Work/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Resources Management and Resources Management and Recycling Plan to Crings Country's Public Works Department for review and comment	Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018		Completed							OCPW	11/1/2018	1/28/2019 (Approved by CPM. No Comments were received from OCPW)	JACOBS	GAF
391		WASTE-4b		prepare a Construction and Demolition (C. & D) Environmental Resources Management and Recycing Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange Countr's Public Nords/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.		Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018	11/1/2018	Completed	1/28/2019									JACOBS	GAL
392	VASTE	WASTE-4c	CONS	Waste Volumes Reported in MCR - See WASTE-4a	The project owner shall also document in each monthly compliance report (MCS) the actual volume of water special water of the compliance report (MCS) the actual volume of water special and the waste special and the waste comparison of the actual waste comparison of the actual waste percentation and management methods used to those proposed in the original Construction and Demolition Water Management Plan Ray, and update the Construction and Demolition Water Management Plan as necessary to address current waste generation and compliance of the construction and compliance of the construction and demolitic waste of the construction and demolitic waste of the construction and compliance of the construction and compliance of the construction	Waste volumes and waste management methods in Monthly Compliance Reports	Monthly	Monthly		In Progress										ARB	GAL
393	VASTE	WASTE-Sa		Abestox-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for albestox-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project work and complete and submit a copy of a South Coast Air Qualify Management District Notification of Demolition or Renovation Form to the CPM as related to abelstos and other materials.	Prior to demolition of pipelines, buildings, and associated structures, project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results	Notify CPM of ACM survey results	Prior to demolition of pipelines, buildings, and associated structures	12/6/2018	2/13/2019	Completed	2/22/2019				Asbestos Survey: 2/13/2019 Garage Demo Plan: 2/20/2019	Asbestos Survey: 2/14/2019 Garage Demo Plan: 2/25/2019				AEC	GAL
394		WASTE-5b		Abbeston Containing Materials. Prior to demolition of pipelines, building, and associated structures, the project owner shall survey for abbeston-containing material (ACM) and notly the CPM of the results. In the case of a need to remove such material, the project womer shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition of Renotions for Period to the CPM as related to asbestos and other materials.	the Notification of Demolition or Remoration Form to the CPM for review.	Notification of Demolition or Renovation Form to CPM	No less than 60 days prior to to commencement of structure demokion	12/6/2018	2/13/2019	Completed	2/22/2019									AEC	GAL
395	VASTE	WASTE-5c	PC/CONS	Abetion-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for abetions containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Qualify Management District, Notification of Demolition or Renovation Form to the CPM as related to abetiss and other materials.	in the case of asbestos removal, the project owner shall inform the CPM, via the Monthly Compliance Report of the date when all ACM is removed from the site.	ACM removal description in Monthly Compliance Reports	Monthly Compliance Report	Monthly		Completed	4/13/2019									SERC	GAL

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5 R	echnical desource	Cond. #	Phase CONS/CON	Description Hazardous Waste Generator ID - The project owner	Verification/Action/Submittal The project owner shall keep a	Submittal Report new or	Date Submittal is Required Monthly Compliance	Due Date Monthly	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) In Progress	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
396			/OPS	shall report new or temporary hazardous waste generator identification numbers from the United States Environmental Protection Agency prior to generating any hazardous waste during demolition, construction, or operations.	copy of the identification number(s) on file at the project site and provide documentation of the hazardous waste generation and notification and receipt of the number to the CPM in the next scheduled Monthly Compliance Report after receipt of the number. Submittal of the notification and issued number	temporary Hazardous waste generator ID numbers in Monthly Compliance Report	Report														
397				the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.		Within 10 days of becoming aware of an impending enforcement action.	Conditional		Not started										SERC	GAL
398				Plan for all wastes generated during operation of the facility and shall south the plan to the CMG for evel- and approval. See Decision WASTE-8 for specifications.	the Operation Waste Management Plan to the CPM for approval.	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	11/12/2020		Not Started										SERC	DSR
399				Revised OWMP - See W/S/TE-Ba	The project comer shall submit any required excisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of motification from the CPM that revisions are necessary.	Conditional		Not Started										SERC	DSR
400		WASTE-8c	OPS	OWMP Report in ACR - See WASTE-8a	Project owner shall also document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste energated and management	Status Report	Annual Compliance Report	12/31/2020												SERC	DSR
	WASTE	WASTE-9	CONS/OP	Unauthorized Release Response: The project ower shall ensure that all pills or release of hazardous substances, materials, or waste are reported, cleaned up, and remediated as necessary, in accordance with all applicable feder at, state, and focal requirements.	The project owner shall document all unauthorized releases and	unauthorized release or spill	Within 48 hours of the date the release was discovered		3/1/2019 6/14/2019	Completed	3/7/2019 6/18/2019									SERC	GAL

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4	4			Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						1
5 WOR		Cond. #	Phase PC	Description Construction H&S Program - Submit to the CPM the	Verification/Action/Submittal The project owner shall submit to the CPM for review and approval	Submittal Construction Health &	Date Submittal is Required At least 30 days prior	Due Date 12/3/2018	Date Submitted to CPM 12/3/2018	Compliance Status for CPM (Not started, in progress, completed (with date)) Completed	Date Approved by CPM 1/29/2019	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO 1/16/19	Date Approved by CBO 2/4/2019	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party ARB	SERC Project Manager GAL
402		SAFETY-1a	PC	Project Construction Safety and Health Program containing the eliments listed in this condition (See Decision WONERE SAFETY-1 for specification). The Personal Protection Regiment Program, the Episoure Ferniand Protection in the Regiment Program, the Episoure Prevention Program shall be submitted to the CPM for review and approvid concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange submitted to the CPM for approval. Construction MEAS Program - Submit to the CPM the	the CPM for review and approval a copy of the Project Construction and Safety and Health Program. The project owner shall provide	w/OCFA Comments	to start of construction At least 30 days prior	12/3/2018	Original 12/3/2018;	Completed	N/A				1/16/19	2/4/2019	OCFA	12/3/2018	No response	ARB	GAL
SAFE	SETY S	SAFETY-1b		Project Construction Safety and Health Program containing the elements listed in this condition (See Beckien WORKER SAFETY-1 for specification). The Personal Protective (Journal of Program and the Injury and Illness Personal Protective (Journal of Program, and the Injury and Illness Pervention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable afterly under the Program shall be submitted to the CPM for Pervention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	to the CPM a copy of a letter from the Grange County Fire Authority stating the fire department's comments on the Construction Fire Prevention Plan and the Emergency Action Plan.	Safety Program w/OCFA Comments CFPP and EAP	to start of construction		Original 1/3/2015; Revision 1/17/2019		N/A						OCFA	12/3/2018	no response		
WOR SAFE	KER ETY S	WORKER SAFETY-2a	COM/OPS	submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See	the Project Operations and	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first- fire or commissioning	1/11/2020		Not Started					1/16/19	2/4/2019				SERC	DSR
WOR SAFE	ETY S	WORKER SAFETY-2b	COM/OPS	Operations 1865 Program - The project owner shall submit to the CM at copy of the Project Operations and Maintenance Safety and Health Program Geo- cecision WOMERS 48F-17 for specifications). The Operation Injury and Biness Prevention Plan, Georgian Committees and Committees and Committees and Georgian Committees and Committees and Froetection System Impairment Program, and Personal Froetection System Impairment Program, and Personal the CPM for review and approved concerning compliance of the program what has glopicalless aletty compliance of the program with all significant System Impairment Program, and the Envergency Action Plans shall also submitted to the Orange County Fire Authority for review and comment.	The project covers thall provide a copy to the CPM of a letter from the Orange County Fire Authority stanight the free department's timely comments on the Operations Fire Provention Plan, Fire Protection System impairment Program, and Emergency Action Plan.	Maintenance Safety	At least 30 days prior to the start of first- fire or commissioning	1/11/2020		Not Started					1/16/19	2/4/2019				SERC	DSR
WOR SAFE		WORKER SAFETY-3a	PC	Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See Decision WORKER	The project owner shall submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS).	CSS Name/Contact	At least 30 days prior to the start of site mobilization	12/3/2018	11/20/2018	Completed	11/21/2018				1/16/2019	1/17/2019				ARB	GAL
WOR SAFE	ETY S	WORKER SAFETY-3b	PC/CONS	Replacement CSS - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business	Replacement CSS Name/Contact	Within one business day	Conditional		Not started					conditional					ARB	GAL
WOR SAFE	ETY S	WORKER SAFETY-3c	CONS	H&S Information Reported in MCR - See WORKERSAFETY-3a	The CSS shall submit health and safety information in the Monthly Compliance Report (See Decision WORKERSAFETY 3 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly		In Progress					Monthly					ARB	GAL
SAFE	ETY :	WORKER SAFETY-4	PC	Agreement to Fund Safety Monitor - The project owner shall make payments to the Delegate Chief Bulding Official (DCBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the DCBO. Those services shall be in addition to other work performed by the CCBO. The Safety Monitor shall be with the DCBO and perfort directly to the CDBO and will be responsible for verifying that the Construction Safety Supervisor, a required in Condition of Safety Safety Safety Safety Safety Safety Safety requirements. The Safety Monitor shall conduct on-site concluding Insert Extinces Justice supervisors an intervals necessary to Tuffit those responsibilities.	The project owner shall provide proporof its agreement to fund the Safety Monitor services to the CPM for review and approval.	to fund Safety Monitor	At least 60 days prior to the start of construction	11/3/2018	11/1/2018	Completed	1/18/2019				1/25/2019	1/25/2019				SERC	GAL
WOR SAFE		WORKER SAFETY-Sa	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as	Submit to the CPM proof that a portable AED is available on site	Proof of AED	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL

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		nergy	Reliabil	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Ph	ases	-						6/30/2040							Commissioning						
4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Techni Resour	ce	ond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
WORK SAFET		ORKER ETY-5b		Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAETYAS, I The training recognant shall be submitted in	Submit to the CPM a copy of the training and maintenance program for review and approval.	Training Program	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
WORK SAFET		ORKER ETY-6a	PC	SASTY-S.1 The training concern shall be submitted to femegrany Access Plan: The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton slie where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (roll-steet edition) California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the Orange County Fire Authority for review and timely comment	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019				Jacobs	GAL
WORK SAFET	Y SAFE	ORKER ETY-6b		Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Gode and the 2016 for latest edition) California Fire Code. A secondary access must be	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the CPM for review and approval.	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019				Jacobs	GAL
WORK SAFET	Y SAFE	ETY-6c		Emergency Access Plan, Revised - See WORKERSAFETY. Go	acces is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plant that shows the new proposed location/ arrangement for the secondary emergency access road, to the Orange County Fire Authority for review and timely comment	Emergency Access Plan showing the secondary emergency access road	90 days before a change to the secondary access would occur	Conditional							1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL
WORK SAFET	Y SAFE	ETY-6d		Emergency Access Plan, Revised - See WORKERSAFETY Go	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location of arangement for the secondary emergency access road, to the CPM for review and approval.	Emergency Access Plan showing the secondary emergency access road	91 days before a change to the secondary access would occur	Conditional		Not started					1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL
WORK SAFET		DRKER ETY-7a	,,	Fire Protection System Specifications: The project owner shall adher to all applicable provisions of the latest version of NFPA SSD: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project conver- shall interpret and adhere to all applicable NFPA SSD as 'shall.' in any situations where both NFPA SSD and the state or local DSS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the Orange County Fire Authority for review and comment	Fire protection system specifications and drawings to the OCFA	At least 60 days prior to the start of construction of the fire protection system	7/28/2019		In Progress							OCFA	2/4/19		POWER	TAT
WORK SAFET	ER WO Y SAFE	DRKER ETY-7b	PC/CONS	Fire Protection System Specifications - The project owner shall achee to all applicable provisions of the latest version of NFPA SSO: Recommended Practice for Fire Protection for Electric Generating Brass and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project conver- sion of the protection of the project conver- cement of the protection of the project conver- sion of the protection of the project conver- tion of the protection of the project conver- sion of the protection of the project conver- tion of the protection of the project conver- tion of the protection of the project conver- cement of the protection of the project conver- tion of the protection of the project conver- tion of the project conversion of the project conversion of the project conver- tion of the project conversion of the project c	The project owner shall ensure that the project adheres to all applicable provisions of NPPA 850. The project owner shall provide all free protection system specifications and drawings to the CPM for review and approval	Fire protection system specifications and drawings to the CPM	At least 60 days prior to the start of construction of the fire protection system	12/6/2018	2/6/2019 Additional Submittals made on 4/22/19	In Progress										Power	GAL
WORK SAFET	Y SAFE	ETY-7c		Fire Protection System Specifications - The project cowers shall adhere to all applicable provisions of the tractact version of MPA 850. Recommended Practice for Fire Protection for Electric Generating Plants and light online Direct Correct Studies, as the control of the Control of the Control of the property of the Control of the property of the Control of the property of the property of the property of the protection of protection	The project owner shall ensure that the project adheres to all a applicable provision of NFPA. SO. The project owner shall provide all fire protection system specifications and drawings to the DCBO for plan check approval and construction inspection.	Fire protection system specifications and drawings to the DCBO	At least 60 days prior to the start of construction of the fire protection system	7/28/2019		In Progress					7-1.0: 2/4/19 7-2.0: 3/29/19 7-3.0: 4/18/19 7-4.0: 4/18/19 7-5.0: 4/18/19 7-6.0: 5/1/19	7-1.0: \$/14/19 7-2.0: \$/15/19 7-3.0: \$/16/19 7-3.0: \$/26/19 7-4.0: 7-5.0: 7-6.0: \$/14/19				Power	GAL
WORK SAFET		DRKER ETY-8a	PC/CONS	UL 5960 Certification: The project owners shall ensure what the libitum in obstery energy storage system has UL Standard for Safety for Energy Storage Systems and UL Standard for Safety for Energy Storage Systems and Enginement, UL 950 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CRM for review and approval. The County Fire Authority for existing approval. The County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL for authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	Copy of UL 9540 design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 0540 certification to the CPM.	At least 60 days prior to the start of construction of BESS	10/3/2019	11/1/2018	Completed	11/13/2018									SERC	GAL

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		y Reliabi	lity Center Compliance Matrix (16	-AFC-01)								CBO Color Code:		Pre-Construction						
2 All Phas	es				1	1	6/30/2040							Commissioning						
4			Revised 4/30/2019		Based on Final	Staff Assessment								Operations						
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
WORKER SAFETY	WORKER SAFETY- 8a.1	PC	UL 9540 Certification - The project owner shall ensure that the lithium in obstery energy storage system has UL Standard for Safety for Energy Storage Systems and UL Standard for Safety for Energy Storage Systems and Enginement, US 950 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orage County five Authority for review and comment and to the CPM for review and approval. The County five Authority for a situation of the County five Authority to askist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the Ithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	Copy of UL 9540 design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 0540 certification to the CBO.	At least 60 days prior to the start of construction of BESS	10/3/2019		Completed					(Ref Only)					SERC	GAL
WORKER SAFETY	WORKER SAFETY-8b	PC	UL 9540 Contification - The project owner shall ensure that the tithium in obstery energy storage system has UL Standard for Safety for Energy Storage Systems and UL Standard for Safety for Energy Storage Systems and Supplient, UL 950 de certification. He project conner protection drawings and specifications for the ESS to the Crange County Fire Authority for review and comment and to the CPM for review and approval. The project conner shall also collaborate with the Oringe County Fire Authority for satisfation of the CPM for review and sport out that the County Fire Authority to satisfat the development of implement when conforming a fire occurring within the Ithium ion ESS located on site.	The project owner shall provide the complete SS fire protection drawings and specifications to the OCFA for review and comment	The project owner shall provide the complete ESS fire protection drawings and specifications to the OCFA for review and comment.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not started							OCFA			SERC	GAL
WORKER SAFETY	WORKER SAFETY- 8b.1	PC/CONS	ULS 540 Certification. The project course chall ensure that the thinkin on battery energy storage system has ULS standard for Safety for Energy Storage Systems and Euglineant. ULS 500 certification. The project cowner shall submit the certification along with the fire protection drawing and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The Country fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the Ithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CPM for review and approval.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CPM for review and approval.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started										SERC	GAL
WORKER SAFETY	WORKER SAFETY- 8b.2		UL 9540 Certification - The project owner shall ensure that the Ithium on battery energy storage system has used to Standard for Safety for Energy Storage Systems and Ceaburners. Un 9500 Standard for Safety for Energy Storage Systems and Englanders Un 9500 Standard Safety Sa	CBO for reference only.	ESS to the CBO.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started					(Ref only)					SERC	GAL
WORKER SAFETY	WORKER SAFETY- 8c.1	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium in obstery energy storage system has UL Standard for Safety for Inergy Storage Systems and UL Standard for Safety for Inergy Storage Systems and Stapiument. UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first respondents of undependent when conforming a fire occurring within the Bithum ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 95:40 requirements for performing a field certification to the CPM		to the start of construction of the BESS	10/3/2019		Not Started										SERC	GAL
WORKER SAFETY	WORKER SAFETY- 8c.2	PC/CONS	Un 5940 Certification - The project owner shall ensure that the Ithium on battery energy storage system has UL Standard for Safety for Energy Storage Systems and Euginement. UI 5950 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The comment and to the CPM for review and approval the County Fire Authority to assist the development of standard operating procedures for first responders to the CPM for review and contribution of the CPM for review and the CPM for the CPM approach to the CPM for the CPM approach to the CPM for the CPM approach to the CPM for for the CPM for for the CPM for the CPM for for for the CPM for for the CPM for	The project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 95-00 requirements for performing a field certification to the CBO		At least 60 days prior to the start of construction of the BESS	11/1/2019		Not Started					(Ref only)					SERC	GAL
WORKER SAFETY	WORKER SAFETY-8e	CONS	Letter to OCFA - See WORKERSAFETY-Ba	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site.	Copy of letter to OCFA offering to develop procedures	At least 60 days prior to commissioning of BESS	1/30/2020												SERC	GAL

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1 Sta	antor	n Energy	/ Reliabil	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre-Construction						
	Phase			,	· · · ·		•	6/30/2040							Construction						
3															Commissioning						
4				Revised 4/30/2019		Based on Final:	Staff Assessment								Operations						
	chnical	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO		Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	ORKER AFETY	WORKER SAFETY- 8e.1	CONS		project owner to the OCFA	offering to develop procedures, to CBO for reference only.	At least 60 days prior to commissioning of BESS	1/30/2020							(Ref only)					SERC	GAL
		WORKER SAFETY-8f	CONS		The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CPM	Final UL Certificaction of ESS to CPM.	Prior to the start of BESS commissioning	4/14/2020		Not Started										SERC	GAL
		WORKER SAFETY- 8f.1	CONS			Final UL Certificaction of ESS to CBO for reference only.	Prior to the start of BESS commissioning	4/14/2020		100 300 000					(Ref only)					SERC	GAL

Attachment 3 – Air Quality



Memorandum

2600 Michelson Drive, Suite 500 Irvine, CA 92612 United States www.jacobs.com

Subject Stanton Energy Reliability Center (16-AFC-1C)

Air Quality Monthly Compliance Report

October 2019

Project Name Stanton Energy Reliability Center (SERC) (16-AFC-1C)

Attention Tim Bofman, SERC, LLC

From Hong Zhuang, Jacobs

SERC CEC Designated Air Quality Construction Mitigation Manager

Date November 6, 2019

Copies to Mike Malsy, Wellhead

John Kimble, Wellhead

Sharon Stureman, SERC, LLC

Doug Davy, Jacobs Karen Parker, Jacobs

This Monthly Compliance Report (MCR) summarizes the activities conducted at the Stanton Energy Reliability Center (SERC site) and the Southern California Edison's SERC 66KV Interconnection Project site (SCE site) in October 2019 to demonstrate compliance with California Energy Commission Conditions of Certification (COCs) for air quality AQ-SC3, AQ-SC4, and AQ-SC5. The required documentation for these COCs is provided in the sections below.

AQ-SC3 Construction Fugitive Dust Control

AQ-SC3 requires control measures to mitigate fugitive dust created by project construction activities. AQ-SC3 also requires that the MCR include the following:

- A summary of all actions taken to maintain compliance with this condition (including sweeping log entries)
- Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD or District)
- Any other documentation deemed necessary by the Compliance Project Manager (CPM),
 District, or Air Quality Construction Mitigation Manager (AQCMM) to verify compliance with
 this condition. Such information may be provided in electronic format or on disk media at the
 project owner's discretion

In October 2019, project construction activities occur at both SERC site and at the SCE site. Fugitive dust was controlled primarily by maintaining vehicle speeds of 10 miles per hour or less on unpaved areas and applying water during soil disturbing activities. Signs have been posted



entrances to the construction site, limiting vehicle speeds to 10 miles per hour. To verify compliance with AQ-SC3, a fugitive dust control checklist was completed each day at each site. The daily field checklists for fugitive dust control and the sweeping logs are provided in Attachment A1 and A2 for the SERC site and SCE site, respectively, and are summarized in Table 1 below.

Table 1. Fugitive Dust Control Measures

AQ-SC3

Implementation Measure	Out of Compliance- Trigger	In Compliance-Trigger ^a	Results During Compliance Period
All main access roads onsite are paved or stabilized	No – Dust plumes originating from access roads	Yes – No dust plumes originating from access roads	Yes – In compliance
All unpaved roads of the construction site are watered as frequently as necessary to prevent dust plume	No – Dust plumes originating from unpaved roads	Yes – No dust plumes originating from unpaved roads	Yes – In compliance
All disturbed areas of the construction site are watered as frequently as necessary to prevent dust plume	No – Dust plumes originating from disturbed areas	Yes – No dust plumes originating from disturbed areas	Yes – In compliance
Maximum speed limit of 10 miles per hour on unpaved surfaces	No – Vehicles exceeding 10 miles per hour on unpaved areas	Yes – vehicles travel 10 miles per hour or less on unpaved areas	Yes – In compliance
Visible speed limit signs posted at construction site entrances	No – No signs posted	Yes – Signs posted	Yes – In compliance. Ten miles per hour speed limit is posted.
Wheel inspection or wash stations in place	No – Track-out into roadways not managed	Yes – No track-out observed or track-outs were cleaned up immediately.	Yes – In compliance. Additional measures were implemented to clean up track-out. Tire cleaning to be conducted if needed.
At least 20-foot-long gravel ramps at wheel inspection / wash stations	No – 20-foot-long gravel ramps not present	Yes – 20-foot-long gravel ramps present	Not applicable (NA) – Shaker plates installed. Gravel ramps are installed as needed.
All unpaved exits are graveled or treated	No – Dirt entering roadways	Yes – No dirt entering roadways	Yes – In compliance. Shaker plates were installed at the unpaved exit. Gravel ramp is added
Entrance limited to treated roadways	No – Entrance not limited	Yes – Entrance limited	Yes - In compliance
Storm Water Pollution Prevention Plan (SWPPP) control measures implemented	No – Contaminated storm water runoff found in roadways	Yes – No contaminated storm water runoff found in roadways	Yes – In compliance. Best Management Practices (BMPs) are installed.
Paved roads within the site swept as needed	No – Dirt / debris accumulated	Yes – Site clean	Yes – In compliance
At least 500 feet of any paved roadway exiting site swept as needed	No – visible dirt within 500 feet of roadway entrance	Yes – No dirt observed	Yes - In compliance
Soil storage piles and disturbed areas inactive for more than 10 days are covered or treated	No – Dust plumes originating from storage piles and disturbed areas	Yes – No dust plumes from storage piles and disturbed areas	Yes – In compliance
Bulk material transport offsite is covered or treated and loaded with at least two feet of freeboard	No – Visible emissions from bulk material transport	Yes – No visible emissions from bulk material transport	Yes - In compliance
Wind erosion control techniques used for disturbed, unstabilized construction areas	No – Visible dust from disturbed, unstabilized construction Areas	Yes – No visible dust from disturbed, unstabilized construction areas	Yes – In compliance. Wind breaks installed as needed

^aSite is noted as in compliance if the activity did not occur during the compliance period.



AQ-SC4 Dust Plume Response Requirement

AQ-SC4 requires that all construction activities be monitored for visible dust plumes. This condition also requires that additional dust mitigation measures be implemented if visible dust plumes that have the potential to be transported off the project site and within 100 feet upwind of any regularly occupied structure are observed. AQ-SC4 requires that the MCR include the following:

- A summary of all actions taken to maintain compliance with this condition
- Copies of any complaints filed with the District in relation to project construction; and any other
 documentation deemed necessary by the CPM and AQCMM to verify compliance with this
 condition. Such information may be provided via electronic format or disk media at the project
 owner's discretion.

Visible dust plumes with the potential to be transported offsite were not observed in October 2019 at the two construction sites. No air quality-related complaints were received during this reporting period.

AQ-SC5 Diesel-Fueled Engine Control

AQ-SC5 requires that all off-road diesel construction equipment used on the project be powered by the cleanest engines available that also comply with California Air Resources Board's (CARB) Regulation for In-Use Off-Road Diesel Fleets. AQ-SC5 requires that the MCR include the following:

- A summary of all actions taken to control diesel construction related emissions
- A list of all heavy equipment used on site during that month, including the owner of the equipment and a letter from each owner indicating that the equipment has been properly maintained
- Any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk media at the project owner's discretion.

The following off-road diesel equipment was used at the two sites in October 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
	SERC Site	
CASE	580 SN - BackHoe	BX3T54
CASE	580 SN - BackHoe	BX3T54
CAT	Rough Terrain Forklift	SF7A56
Deere	210l Skip Loader	WK9J63
Genie	5K Reach Fork	JW5N58
Grove	GRT880 Crane	XG7V58
JCB	507-42	RV7M68
JLG	60' Boom Lift	LR7P73
JLG	6042 T4F 6K Reach Forklift	HN6U33
JLG	660SJ Manlift	WP9E86
JLG	600AJ Articulating Boom Lift	NL7M56
JLG	860SJ 85' Boom lift	SG9H76
Manitowoc	Manitowoc 999	TX5P83



Manufacturer	Equipment Name	EIN
Xtreme	XR1255 Forklift	VC6G63
Xtreme	XR2045 Forklift	VT6H48
	SCE Site	
Bobcat	S770	VD5L46
Bobcat	E32	JX8N65
Caterpillar	450F	UU6G94
Caterpillar	450	MU4K93
Lodril/John Deer	135G	LP5P36

Attachments B1 and B2 provides a table summarizing information about the engines, including the CARB Engine Identification Number (EIN), tier, and the dates the equipment was used on the two project sites. Attachments B1 and B2 also contain the AQ-SC5 daily field checklists for off-road diesel engines used at the two sites and letters from the equipment owners indicating the equipment has been properly maintained.

Attachment A1
Documentation of AQ-SC3 Compliance
(SERC Site)

AQCMM or Delegate name: Jon Kimble Digitally signed by Jon Kimble		Form: SERC-CAQ-001
AQCMM or Delegate signature: Jon Kimble Date: 2019-10-02 16:39-36		
Date: October 2, 2019		
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: Jon Kimble Jon Kimble Digitally signed by Jon Kimble		Form: SERC-CAQ-001
AQCMM or Delegate signature: Date: October 3, 2019 Date:		
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: Jon Kimble Digitally signed by Jon Kimble Digitally signed by Digitally signed by Digitally signed		Form: SERC-CAQ-001
AQCMM or Delegate signature: October 4, 2019 Date:		
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficien	nt wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Jon Kimble Digitally signed by Jon Kimble Date: Digitally signed by Jon Kimble Digitally signed by Jon Kimble Date: Digitally signed by Jon Kimble Digitally sign		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficien	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 10/7/2019 Michael Malsy Digitally signed by Michael Malsy Date: 2019.10.24 22-13.08		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Mike Malsy Digitally signed by Michael Malsy Delegate 2019, 10.24 22:13.37		Form: SERC-CAQ-001
		T
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy AQCMM or Delegate signature: Date: Michael Malsy Digitally signed by Michael Malsy Date 2019.10.24 22-14.21 Date: Michael Malsy Digitally signed by Michael Malsy Date 2019.10.24 22-14.21		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy AQCMM or Delegate signature: Date: Michael Malsy Digitally signed by Michael Malsy Digitally signed by Digitally signed by Michael Malsy Digitally signed by Digitally signed		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019-10-24 22-15-54 Michael Malsy Date: 2019-10-24 22-15-54		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019-10-24 22:16-50 Michael Malsy Date: 2019-10-24 22:16-50 Date: 2019-10-24 22:16-50		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.10.24 22:17:51 Michael Malsy Date: 2019.10.24 22:17:51		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Digi		Form: SERC-CAQ-001
Construction Funitius Dust Control (AO CC2) Chaplifit House	Response (yes/no)	If no, describe corrective action required and/or in progress
Construction Fugitive Dust Control (AQ-SC3) Checklist Item Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	in no, describe corrective action required and/or in progress
Are all anjuved roads and distarbed areas watered as frequently as freeessary:	, '	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Mike Malsy Digitally signed by Michael Malsy Disc. 2019. 10.241 22:20:12 All Date: 10/17/2019		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	in no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as frecessary:	Ť	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Digitally signed by Digitally signed by Michael Malsy Digitally signed by Digitally signed		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	in no, describe corrective action required and/or in progress
The unanpared rodds and distallated areas watered as nequently as necessary.		
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to I	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019-10-24 22:2127 Michael Malsy Date: 2019-10-24 22:2127		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy AQCMM or Delegate signature: Date: Michael Malsy Digitally signed by Michael Malsy Date: 2019 10.24 22:22:37 Date: 2019 10.24 22:22:37		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficien	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019-10-24 22:21-54 Michael Malsy Date: 2019-10-24 22:21-54		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019-10-24 22:23:12 Michael Malsy Date: 2019-10-24 22:23:12		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

Υ

N/A

Υ

Υ

Ν

All quality construction witigation is	(16-AFC-01C)	
AQCMM or Delegate name: AQCMM or Delegate signature: Date: Jon Kimble Digitally signed by Jo		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	in no, describe corrective action required and/or in progress
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are ensite payed reads swent at least twice daily, and payed public readways within 500 feet of evits swent		

as needed?*

dust suppressant compounds?

(Form SERC-CAQ-003).

freeboard prior to leaving the project site?

on construction areas that may be disturbed?

Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with

Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of

Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used

Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet

beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form

ADDITIONAL NOTES:		

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

AQCMM or Delegate name: Jon Kimble Digitally signed by Jon Kimble		Form: SERC-CAQ-001
AQCMM or Delegate signature: Jon Kimble Date: 2019-10.028 17-40.01 Jordan		
Date: October 28, 2019		
	Response	Т
Construction Fugitive Dust Control (AQ-SC3) Checklist Item		If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficien	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy AQCMM or Delegate signature: Date: Michael Malsy Digitally signed by Michael Malsy Digitally signed by Digitally signed by Michael Malsy Digitally signed by D		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	N/A	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Mike Malsy Michael Malsy Digitally algred by Michael Malsy Date: 2019.11.05 16:53.26 Michael Malsy Digitally algred by Michael Malsy Digitally al		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	N/A	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Mike Malsy Digitally signed by Michael Malsy Discr. 2019.11.05 16:5054 ACRIVATION 10:5054		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	in no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as frecessary:	Ť	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	N/A	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

Sweeping Log

Month/Year: Cict 2019		Sweeping Area Sweeping Area (Check if Swept)					
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.1.19	700					611	
10-1-19	715					111	
10-1-19	730					II I'M	
10-1-19	745					11/4	
10-1-19	800				-	May 11	
10-1-19	813					11/2	
10-1-19	830					1 L	
10-1-19	845					Mulh.	
10-1-19	900		-			11/1	
10-1-19	915				-	111	
10-1-19	930				-	11 10	
0-1-19	945					1111	
0-1-19	1000						
0-1-19	1015						
0-1-19	1030						
0-1-19	1045					1111	
0.1.19	1100					In.	

Month/Ye		Sweep	ing Area Sweep	ing Area (Check	if Swept)		
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-1-19	1115					lall	
10-1-10	1 1130					lull	
10-1-1						///	
10-1-10						Mult	
10-1-10	- 3					Kull	
10-1-19						luste	
10-1-19						luft	
10-1-19	100					twell	
10-1-19						KM	
0.1.19	200					KM	
10-1-19	215					halft	
0-1-19	230					holl	
0-1-19	245				-	lowell	
							+1
6							
						K.	

Month/Ye	ar: - 2019	Sweep	ing Area Sweep	ing Area (Checl	c if Swept)		
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-2-10	700					1111	
10-2-19	715					luly	
10.2-1	730					L/R	
10-2-1	9 745	1V				1111	
10.2.1	9 800					1/11	1
10.2-1	815					last	
10.2-1	9 870					Mall	
10-2-1						Mile	
0.2.1						Bell	
0.2-10						lill.	
0-2-10						luft	
10.2.10	945					Colle	
10-2-19	1000					CM	
10-2-19	1015				-	AM	
10.2.19						Mill	
0-2-19						Me	
10.2.1	1100					Mark	

Month/Ye		Sweep	ing Area Sweep	ing Area (Checl			
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-2-19	1115					lull.	
10-2-10						lingt	
10-2-10						list	
10-2-10						light	
10-2-10	1245				_	hull	
10-2-19						laste	
10-2-19	115					luft	
10-2-19	-					land 1	
10-2-19						like	
10.2.19						life.	
10.2-19	215					and a	
10.2-19						And	
10-2-19	245				,——	Mull	

Month/Ye	ar: 2015	Sweep	ing Area Sweep	ing Area (Check	if Swept)		
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-3-19	706					MIK	
10.3.19						lulk	
10-3-10	730					lul 1	
10-3-1	9 745					KIK	
10-3-19	800				-	Kurth	
10-3-10						Roll	
10-3-10						Kurld	
0.3.19						Knift	
10.3.19					-	Milk	
10-3.19						lill	
10-3-19	930					last	
0-3-14					_	hall	
10.3.19	1000					lulle.	
10-3-19						Kill	
0-3-19						hill.	
0-3-1						delle	
0-3-1	9 1100					last	

Month/Ye		Sweepi	ng Area Sweep	ing Area (Check	if Swept)	Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	operator signature	Notes
10.3.19	1113					Kufk	
10.3.	9/130					light	
10.3-1	1215					la 12	
10.3.1	1230					Kell	
10-3-19	1245					Kill	
10.3-1						hall	
10.3.10						Kull	
10.3-1	130					Kulk	
10.3.10						tull	
10.3-1						KILL	
10.3.19						telle lesse	
10.3.19	230					Rest	a
10-3-19	245					Kuffe	

Month/Ye	ear: - 2019	Sweepi	ing Area Sweep	ing Area (Check	if Swept)	Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	operator signature	Notes
10.4.10	9 700				_	MM.	
10-4-10	75					Marth	
10.4.10	9 730					Kull	
10.41.1					_	MIM	
12-4.1	9 800					Kulk	
10.4.10						Auth	
10.4.1						MM	
10.4.19	3 845					MIN	
10.4.19	900					Ken	
10.4.19	915					tell	
10-4-1	9 930					luft	
10-4.	5 945					Kull	
10-4.	19 1000					luff	
10-4.	15 1015				-	lull	
10.4.1	1 1030					Confly	
10.4.1	19 1045					11/2	•
10.4.1	19 1100					Mull	

Month/Ye	ear: 2019	Sweep	ing Area Sweep	ing Area (Check	c if Swept)	- Operator Signatura	Notos
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-4.1	9 1115					light	
10-4.1	9 /130		~			litt	
10.4.	19 1215					May 14	
10.4.	19 1230					lings	
10.4.1	19 1245					Knift	
10.4.1	9 100					lull	
10-4.1	9 115					Mill	
10.4.1	9 130					Mulk	
10.4.	5 143					lulk	
10.4.1	200					My/K	
10.4.1	9 25					Mull	
10.4.10						tell.	
10.4.19	243	4				KIK	

Month/Ye	ar: 2019	Sweepi	ng Area Sweep	ing Area (Check	if Swept)	Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	operator signature	Notes
10-7-10	700					Kull	
10.7.1					-	Racel	
10.7.10	730				-	MaxXX	
10.7.10	745			1	-	Ruln	
10.7.10						Kulk	
10-7.19	815					Murlk	
10-7-10	9 830					Mar 1 K	
10.7-10	3 845				-	Karlo	
10-7-19	900				-	Kayla	
10-7-19	915					Ruck	
10.7.1	9 930				_	lull	
10.7.1	9 945				,=	Mul/k	
10-7-19	1000					Mulh	
10-7-10	1015					Mill	
10-7-10	1030				-	feed h	
10-7-1	9. 1045					Rell	
10.7-1	9 1100				-	211	

Month/Ye	ar: 2019	Sweep	ing Area Sweep	ing Area (Check	if Swept)	Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.7.19	1115					Kulk	
10.7.19	1130					Knf 4	
10.7.1						Kulk	
10-7.10						Kulh	
10-7.19	1 1245			4		Kell	
10.7.10	100					Kill	
10.7.1						Kelk	
10.7.1	1					Kull	
10.7.1						Kulk	
10.7.10	7 200					Kulk	
10.7-10	1 215					Renth	
10.7.10						Kull	
10.7.1	9 245					KIA	

Month/Y		Sweep	ing Area Sweep	ing Area (Checl	k if Swept)	Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Cporator orginatare	
10-8-	19 700					Kulk	
10.8-1	9 7/5					Rusk	
10.8-1	9 730					Kulfe	
10.8-1	19 745				-	Mulk	
10.8-1	9 800					Kill	
10.8-10	9 815					Mulk	
10.8-10	7 830					Kulk	
10.8-10	7 845					Kulfl	
10-8-10	9 900					Mull	
10.8-10	915					Kuffe	
10.8.10	930					Kulk	
10.8.10	945					Rulp	
10.8.1	9 1000					Ruft	
108-10	1015					Emf 11	
108-10	9 1030					Confr	
10.8.10						Com	
10.8-1	9 1100					Ken	

Month/Ye		Sweep	ing Area Sweep	ing Area (Check	(if Swept)	Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.8-19	1115				-	Kulf	
10.8-1	9 1130					Kulk	
10.8.1	9 1215				-	Kulk	
10.8.1	9 1230				-	Kentk	
10-8-1	9 1245					Kuff	
10.8.1	9 100				_	1.11	
10-8-1	9 115				,	Kinfle	
10.8.10	1 130					tulk	
10.8.1	9 145					Hud H	
10.8-10	200					Kulk	
10.8.1						Hill.	
10.8.10					7	tulk	
10.8.1	9 245				114	Rull	

Month/Ye	ar: 2019	Sweep	ing Area Sweep	ing Area (Check	(if Swept)	Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.9.10	700					lulk	
10.9.10						till	
10.9.1						Kull	
10.9.1	9 7415					Kell	
10.9.19	800				-	Kilk	
10.9.10	815					tulk	
10.9.10	830					Mulk	
10.9.10						Mill.	
10-9.1	900					Mulk	
10.9.1	9 915					Mill.	
10.9.1	930					1111	
10.9.19	945					March 1	
10.9.19	1000					CIL	
10.9.19	1015					Knifk	
10.9.10	1 1030					hall	
10.9.1	9 1045					lal 1	
10.9.1	9 1100					16 M	

Month/Year: OCT 2019		Sweepi	ng Area Sweep	ing Area (Checl	c if Swept)	0	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.8-19	1115					Must M	
10.8.19	1115			5- 1		Mulh	
10.8.19	1215					11/11	
	1230					Rudt	
10.8.19	1245					Kull	
108.19	100				-	Rull	
10.8-19	115				-	1111	
10.8-9						Rell	
10-8-19						Kell	
108-19	200					Rull	
10-8-19					1	Cill	
0-9-19	230					Kuff Kuff	
10.8-19	245					Kull	

Month/Ye	ear: 2019	Sweep	ing Area Sweep	ing Area (Checl	c if Swept)	On overton Sign at the	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.9.10	9 700					Mul K	
10.9.1	9 715					Kulp	
10-9.10	9 730					tulk	
10.9.1	9 745			10 00		Rell	
10.9.1	1					Kill .	
10.9.1						Milk	
10-9-1					-	Hul K	
10-9.19	545					Kilk	
10-9.1	9 900		1		-	Kuft	
10-9-19	9 915					til k	
10.9.1						lul 12	
10-9.1	9 9215				-	Kulp	
10.9.10	9 1000					Kell	
10-9-19						MAR	
0-9-19	9 1030					Rich	
0-9.1	9 1645					KIM	
0-9.1	9 1100					Bush	

Month/Ye	ear: 2019	Sweep	ing Area Sweep	ing Area (Checl			
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.9.1	9 1115					Knild	
10-9.1	9 1130					Kulk	
10-9.1	9 1215					Kull	
10.9.1	19 1230				7	KIR	
10.9.1	9 1245				1	Kull	
10.9.1	, ,					Rull	
10.9.10	115					Kell	
10.9.1	9 130					Kull	
10-9.1	9 145				-	hill	
10.9.1	9 200					KIN	
10.9.10	215					Kill	
10.9.10						faill	
10.9.10	7 245					Payld hald	

W. C.

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Month/Yea		Sweepi	ng Area Sweep	ing Area (Chec			
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
100/1.19					-	luff !	
10-11-1	7/5			<u> </u>		RufA	
10-11.10						tolk	
10-11 19	745					Kulk	
10-11-10	800					till	
10-11-10					-	la	
10-11-19						Kulk	
10-110/9	845					Kill	
10.11.0	900				-	1.11	
10-11-1	915					Kill	
10-11-19	930					Kuff	
10-11-19	945				-	Kull	
10-11-19	1000					Len Me	
101/1/10	9 1015				_	KAR	
10-11-10					_	Reft	
10-11-19					_	Kingk	
10.11.19	1100					later	

Month/Ye		Sweep	ing Area Sweep	ing Area (Checl	On overton Signature	Notes	
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
0.11.19	1115					light	
10-11-19						tille	
10-11-19						Ruft	
10-11-1					ę	Mull	
10-11-1	9 1245			1	-	Kilk	
10-11-1	9 100					lull	
10-11-1	1 /15					linelle	
10-11-10						Lill	
10-11-10	1 1415					Kull	
10-11-						Kull	
10-11-1						lulle	
10-11-19						Kulh	
0-11-19	245					CM	

Month/Year: のCナンの19		Sweepi	ng Area Sweep	ing Area (Checl			
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-14-1						Milk	
10-14-1	9 715					luffe	
10-14-1						Mall.	
10-41.1	745					16/1	
10.14.1					_	Math	
10.14.19						Kulk	
10-14-19	830					Kulk	
10-14-19	845					Mulk	
10.14.19	900					Kulle	
10-14-19	915					March 1	
10.14.10	930					1111	
10.14.1	945				-	le le	
10-14.19	1000			1	-	Bill.	
10-14-19	1015				-	6//	
10.14.19	1030				÷	tull	
10-14-1	10415				-	Lell	
0-14-10	1100					1111	

Month/Yo	ear: -2019	Sweep	ing Area Sweep	ing Area (Checl	Operator Signature	Nation	
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-141	15/15					111	
10.14	19 1130						
10-190	9 1215					Kilk	
10.14.	9 1230		New			hill	
10.44	9 1245		4			1/1	
10-14	19 100				-	tulk	
10.14.	9 115					KI	
10.14.1	9 130				,	614	
10-14.						Kull	
10.14	19 200					Lill.	
10.14	19 215					the 14	
10.14	1 230					611	
1014	19 QC/				<u> </u>	Lill	
-							
+			16				

Month/Ye	ear: 2019	Sweep	ing Area Sweep	ing Area (Check			
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.15.1	9 700				-	Kelk	
10-15.						11/11	
10.15.	19 730					11.11	
10.15.	19 745				-	11.11	
10.15.	19 800					Kork	
10.15.1	9 815					1111	
10.15.1	9 820					H 14	
10.15.1	9 845					Kulf	
10.15.10	900					RIK	
10.15.10	915				_	Kulk	
10.15.1	930						
10-15-1						all	
10 519	1000					111	
013/	9 1013					111	
10-15-1						March	
10.15.19						11 11	
0-15-10						Kal	

Month/Y	ear: 10/9	Sweep	ing Area Sweep	oing Area (Chec	Operator Signaturo	Notes	
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.15.1	9 1/15					11/10	
10.1511	9 1130				-	Kulk	
10.15.10	1					Mill	
10-15-1	1230					Kaffe	
10.15.1	9 1245				-	Ruff	
10-15-10					_	Mull	
10-15-10						Mille	
10.15.10						Refl	
10.15.10					~	Mul /K	
10-15-10					+	Mulh	
10.15.10					~	Mull	
10.15.10						lulk	
10-15-1	7 345					Mulh	
· ·							

Month/Ye		Sweepi	ing Area Sweep	ing Area (Checl			
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-16-19						Ruff	
10.16.19	715				-	Mill	
10.16.10	730					KIK	
10.16.10	745				-	Kulk	
10-16-19	800				_	Mill	
10-16-19	815					KA	
10-16-19	830					Moll	
10.16.19	845					Kull	
10.16.19						Knell	
10-16-19	915				-	KIK	
10.16.19	930				-	Kell	
10-16-19	945				-	Lin/K	
10.16.19	1000					Knull	
10-16-19	1015					Kill	
10-16-19	1030					And M	
0.16.19	1045					lull	
0-16-19	1100					11	

Month/Y	ear: + 20/9	Sweep	ing Area Sweep	oing Area (Checl			
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
1016.1	9 1115					Ruth	
10.16.						11	
10.16						Kulh	
10.16.	19 1230					Repl	
10-16	19 1245			y =		Muk	
10.169	19 100					full.	
10.16%	9/15					A. A.	
10.16.	19 130					Kal	
10.16.1					1	KK	
10/61						Kil	
10-16-1	9 215					KA	
10.16.1	1 230					the	18
10-16-1	345					Kella	
36							

Month/Year:		Sweepi	ing Area Sweepi	ing Area (Check	Operator Signature	Notes	
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	notes
0.17.10	700				-	Kilk	
10.17.10	715					Kuld	
1017.1	730				-	Kelp	
10.17.10	745					Kulk	
10-17.19	800					RM	
10.17.10						Rulh	
10.17.10						Kelk	
10.17.10						Kelk	
10.17.10						Kulk	
10.17.19						Kulk	
10.17.19						An/A	
10-17-19						Mull	
10-17-19					_	Kulk	
10-17-19					-	linger	
10.17,19					_	Knill	101
10.17.10						Mulle	
10-17.19	1100					Mull	

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10.17.1	5 1115					1/4	
10-17	9 1130					hell	
0.17.1	9 1215					A.M.	
0.17.1	9 1230					M.A	
10-17-10	9 1245					Kill	
10-17-10	9 100					11	
10171	9 115					And.	
10-17-1	9 130				-	KA	
10-17-10						Kull	
10.17.1	15 200				-	Kil	
10.17.1.	9 215					Kul	
0-17-1	9 230					Lust	
10-17-10	245				-	A M	
- 5						7-1076	
							,

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Operator signature	Notes
10.18.1	9 700					MIK	
10.18.1						RIK	
10-18-1						Kulk	
10-18-1						Kill	
0-18-1						Rulk	
10-18-1						Kulk	
10-18-19						Mell	
10.18.1				-		Kulk	
10.18.19			*			Ruff	
10-18-1	9 915					Roll	
10-18-1						lill.	
10-184						hill	
10-18-1						Mingh	
10-18-10						linelle	
10-18-10						Kull	
10-181						Kink	
10-18-18	1100					tul	

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
18-19	1115					Balls	
0.18-19	1130					Mind	
0.1819	1215					The state of the s	
10-18-15	1230					Kuff	
0.18.9	1245				_	Manuel	
10:18:19	100					light	
10.18.19	115					Knopl	
10.18.19	130					Smill	
0-18-19						Lugh	
10.18.19	200					Kink	
018-19	215					And	
10-18-19	230					And	
10-18-1	245				*	Ink	
ı					-		

Month/Year:		Sweep	ing Area Sweep	ing Area (Checl		Maria	
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-21-1	9 700				_	Kieft	
10-21-1	9 715				-	tull	
1021.1	5 730				-	Make	
10-21.	16 7415					12/10	
1021-1						21	
10-21-1						MA	99
1021.1						ne	
10-21.						Mil	
10.21-10						Mill	
10-21-10						Mungh	
10.21.	1					Make	
6-21-1						Month	
10.21.	All controls and a second					Kuft	
10-21-1						Mull	
10:21.1						May	
0.21.1						Mull	147
10-21-1	9 1100	1				Howa	

Month/Yo	ear:	Sweep	ing Area Sweep	ing Area (Check it	f Swept)		
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
	K 1115					Had	
	19 1130				1.	And	
10-21-	1215					Mul	
10:21	19 1230					The state of the s	
10-21						Mush 2	
10-21.	1					Angle .	
10.21.	19 130				1	7 M	
10.21.1						Much	
0.21.1					-1	Mink	
10-21-						May 11	
10-21-	10		250			lulp	
7	1 29)					haff	

	Month/Year: OCT 2019			ing Area (Check	Operator Signatura		
Date	/ Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-2219	800 AL				-	16.14	
10-22-10	145 pm					Kand	
10.22.19	Ste pm				-	Mull	
10-23-19	140					Kneth	
10-24-19	715					KIL	
10.24.19	1100					1.11	
0.25.19	1245					lift	
102519	13110				*	that	
0-28-15	930		+			lulk.	
0-28-19	1245					Roda	
0-29.19	1020					Rish	
0.29/5	130					Ruck	
0304	920				-	Mila	
03019	200					Knell	
0-31-19	1000					-Enfl	
10.31-19	150					tul	

Month/Yea	r:	Sweep	ing Area Sweep	oin g Area (Check	(if Swept)		
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
10-1-19	1:55pm			<i>-</i>		1111	
10-2+19	1:35 pm			-	·	Sand land	
10-3-19	1:25 pm				0	Rocker Core	
0-4-19	1:15 pm			-		adallary	
0-7-19	1:35 pm				V	Inlay Cary	
W-8-19						horasta 1	# .
0-9-19	1:45 pm					lake Sing !	
0-10-19	1:50 pm					Toplan men	Ŧ
0/15719				V		Styr	=
1 <u>0/17/19</u>				V		Sparky	
10/21/19	 					Journ D	-
0/24/19	1:45pm	1				Cerry Dollar	s.4:
0/20/19	'					J Leogy	
0/30/19	C.10					y and	
, , , , , , , , , , , , , , , , , , , ,		-					·



Attachment A2
Documentation of AQ-SC3 Compliance
(SCE Site)

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-00
AQCMM or Delegate signatu	_{e:} Robert Dixon	
Date: 10-21-19		

	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	(yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	n	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	У	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

AQCMM or Delegate name:	obert Dixon	Form: SERC-66KV_CAQ-001
AQCMM or Delegate signature:	Robert Dixon	
Date: 10-22-19		

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	n	Delivery of sign scheduled for 10-23-19
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	у	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES	:
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AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-00
AQCMM or Delegate signatu	re: Robert Dixon	
Date: 10-23-19		

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	у	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	у	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTE	5
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AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-001
AQCMM or Delegate signatu	re: Robert Dixon	
Date: 10-24-19		

	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item		If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	у	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	у	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES	:
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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-O1C)

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-0	01
AQCMM or Delegate signatu	re: Robert Dixon		
Date: 10-25-19			

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	у	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	у	Exporting soil today. Each load will be watered.
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	У	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES	:
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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-001
AQCMM or Delegate signature	re: Robert Dixon	
Date: 10-28-19		

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	у	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	у	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	У	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-O1C)

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV	_CAQ-001
AQCMM or Delegate signatu	re: Robert Dixon		
Date: 10-29-19			

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	у	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	у	Exporting material today
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	У	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES	:
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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-O1C)

AQCMM or Delegate name:	Robert Dixon		Form: SERC-66KV_CAQ-001
AQCMM or Delegate signature	re: Robert Dixon		
Date: 10-30-19			

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	у	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	у	Exporting material today
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	У	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES	:
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Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-001
AQCMM or Delegate signature	re: Robert Dixon	
Date: 10-31-19		

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	у	
Are speed limit signs posted at the main entrances?	у	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	у	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	у	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	у	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	у	Exporting material today
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	У	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

^{*} The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES	:
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Appendix B1
Documentation of AQ-SC5 Compliance
(SERC Site)

SERC Offroad Diesel Equipment Inventory October 2019

						Equi	pment					Engine								
<u>Date</u> <u>Arrived</u>	<u>Date</u> <u>Removed</u>	CARB ID 6 digit (EIN)	SERC ID	<u>Manufacturer</u>	Model/Description	Model Year	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	Engine Family	Engine Model	<u>Displacement</u> (<u>L)</u>	Model Year	<u>Serial Number</u>	<u>Diesel</u> (hp)	<u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	N/A	FPT Industrial S.P.A	FFPXK03.4FSD	854E-E34TA	3.4	2015	JU82679-L025417	122	T4	u-r-015-0283	Green tag issued 02/04/2019	
2/20/2019	3/21/2019	NA	SERC_002	Multiquip	DCA70SSIU4F - Generator	2015	NA	United Rentals	ARB	lsuzu	JCEXL04.5AAJ	BR-4JJ1x	2.9	2015	74402993	95.2	T4	NA	Green tag issued 02/19/2019	EO not available. Tier 4 verified based in engine specs.
2/20/2019	10/2/2019	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJ6N585NLECT05659	D+S BACKHOE SERVICE	N/A	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4	u-r-015-0283	Green tag issued 02/19/2019	
2/20/2019	4/25/2019	UG9N98	SERC_005	CAT	Cat 966M wheel loader	2014	KJP000570	Ortiz	Ortiz	CAT	ECPYL09.3HTF	C9.3	9.3	2014	SYE01292	303	4F	u-r-001-0479	Green tag issued 02/27/2019	
2/20/2019	5/20/2019	YS5A98	SERC_006	CAT	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4Ml1	C4.4	NA	2013	C7N11131	156.9	41	NA	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-
2/25/2019	3/8/2019	YV7D79	SERC_007	Volvo	ECR2353l - Excavator	2017	310653	Lalonde	Ortiz	Deutz	GDZXL05.7053	D6J	5.702	2016	11974476	173	4	u-r-013-0523	Green tag issued 02/27/2019	
2/27/2019	5/6/2019	DL9A58	SERC_009	Link-Belt	490X4	2017	LBX490Q7NGHEX1139	Lalonde	Ortiz	Isuzu Motors Limited	GSZXL09.8QXA	6UZ1	NA	2016	527667	362	4	u-r-006-0421	Green tag issued 02/27/2019	
2/26/2019	3/1/2019	SK8574	SERC_010	CAT	450F - Backhoe	2016	HJR00594	Lalonde	Ortiz	Perkins Engine Company	EPKXL04.4MK1	C4.4	4.4	2014	C7N36796	127	4	u-r-022-0191	Green tag issued 02/27/2019	
2/27/2019	5/20/2019	JG9B74	SERC_011	John Deere	210L Skip Loader	2017	1T8210LXPHF894289	Ortiz	Ortiz	John Deere	HJDXL04.5315	404HT096	4.5	2017	PE4045U052929	93	4F	u-r-004-0537	Green tag issued 02/27/2019	
3/6/2019	3/19/2019	SF7A56	SERC_012	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	41	u-r-022-0176-1	Green Tag issued on 3/7/2019	
3/12/2019	3/18/2019	RG5N99	SERC_013	CAT	966K Wheel Loader	2011	TFS00270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	41	u-r-001-0409	Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB\$.5	4.5	2014	73617640	130	41	u-r-002-0586	Green Tag issued on 3/22/2019	while SERC ID: SERC_012 is offsite for
3/21/2019	8/30/2019	KT3V94	SERC_015	Genie	Forklift - Varialbe Reach	2014	BR2596	United Rentals	Newtron	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11731188	74	4	u-r-013-0472-1	Green Tag issued on 3/22/2019	
										Perkins Engine										Formerly SERC_012 (was removedon
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	41	u-r-022-0176-1	Green Tag issued on 3/22/2019	3/19 for repairs and returned on 3/22)
3/28/2019	4/25/2019	LG4L96	SERC_017	Genie	Aerial Lift	2001	50845	United Rentals	Newtron	Deutz AG	DDZXL02.9021	D2.9L4	2.925	2014	11511469	49	T4	u-r-013-0443	Green Tag Issued on 4/1/2019	
4/5/2019	Onsite	JW5N58	SERC_018	Genie	5K Reach Fork	2015	10366180	United Rentals	Newtron	Deutz AG	FDZXI02.9020	TD2.9L4	2.9	2015	h	74	4	u-r-013-0496	Green Tag issued on 4/11/2019	
4/10/2019	4/23/2019	BG8T73	SERC_019	John Deere	JD650JLTDozer	2009	T0650JX172684	Savala Equipment Rentals	Ortiz	John Deere	8JDXL06.8105	4045HT057		2008	PE4045L068083	115	3	u-r-004-0313	Yellow Tag issued on 4/11/2019	
4/26/2019	5/15/2019	BS9V43	SERC_020	John Deere	JD550K XLT Dozer	2015	1T0550KXHEE273832	Savala Equipment Rentals	Ortiz	John Deere	FJDXL04.5211	4045 HT070 A,B,C,D	4.5	2015	R534172-B	85	4	u-r-004-0499	Green Tag issued on 4/30/2019	
5/8/2019	5/22/2019	WW5G33	SERC_021	Bobcat	T 590 Skid Steer	2017	ALJU23845	United Rentals	ARB	Doosan	HDICL02.4LEA	D24NAP	2.392	2017	D24NAP7105046LE	66	4	u-r-019-0145	Green Tag Issued 5/14/2019	
5/14/2019	5/20/2019	DF9E37	SERC_022	Case	721G Wheel Loader	2017	NGF240121	United Rentals	Ortiz	Fiat Power Train	GFPXL06.7SDB	F4HFE613TB	4.5/6.7	2016	1444310	145	4F	u-r-015-0322	Green Tag Issued 5/14/2019	
5/22/2019	9/23/2019	NG3U86	SERC_023	CAT	259D Skid Steer Loader	2018	FTL14586	ARB	ARB	Kubota	HKBXL03.3EKD	C#.3B	3.3	2017	8HQ0121	73.2	4	u-r-025-0733	Green Tag Issued 5/24/2019	
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A	John Deere Power Systems	FJDXL04.5212	4045HT072	4.52	2016	PE4045R108158	70	4	ARB EO not available. Verified using EPA data.	Green tag issued 06/19/2019	
7/9/2019	8/7/2019	TF6J89	SERC_025	Extreme Manufacturing	XR2045 Forklift	2018	XR2045-11-17119380	Ellis	ARB	Deutz AG	HDZXL03.6050	TCD3.6L4	3.621	2017	12076911	134	4	u-r-013-0536	Green tag issued 7/16/2019	
7/22/2019	7/26/2019	TP8N95	SERC_026	Case	580 Super N Back Hoe	2014	JJGN58SNKEC705265	Tom's Back Hoe	ARB	FPT	EFPX L03.4ADD	F5HFL413C*A	3.4	2014	000189488	97	4	u-r-015-0259-1	Green Tag Issued 7/26/2019	Removed from on date green tag was issued.
8/7/2019	Onsite	VT6H48	SERC_027	Xtreme Manufacturing	XR2045 Forklift	2018	XR2045-11-18039329	Ellis	ARB	Deutz AG	HDZXL03.6060	TCD 3.6 L4	3.621	2017	12103041	134	4	u-r-013-0536	Green Tag Issued 8/13/2019	
8/14/2019	8/27/2019	RS6W99	SERC_28	Cummins	6K Reach Forklift	2014	10362305	United Rentals	Newtron	Cummins	ECEXL06.7AAH	QSB3.s	6.7	2014	68619362	129	41	u-r-002-0006-1	Blue Tag Issued 8/14/2019	Removed from Site 8/27/2019. Green tag not issued
8/27/2019	Onsite	RV7M68	SERC_29	JCB	507-42	2016	2435467	United Rentals	Newtron	JCB Power Systems	GJCBL04.4TA5	444TA4-55L1	4.4	2016	SL320/40925U0865716	74	4	u-r-049-0042	Green Tag Issued 9/5/2019	
8/28/2019	Onsite	LR7P73	SERC_30	JLG	60' Boom Lift	2018	10755669	United Rentals	Newtron	Deutz Corp	JDZXL02.9020	TD 2.9 L4	2.9	2018	12147294	67	4	u-r-013-0553	Green Tag Issued 9/5/2019	
9/2/2019	Onsite	TX5P83	SERC_31	Manitowoc	Manitowoc 999	2002	9991103	Maxim Crane Works	s ARB	Cummins	2CEXL0661AAF	QSM11	11	2008	35055789	350	2	u-r-002-0144	Green Tag Issued 9/5/2019	Tier relief requested. CEC received notification from Hong Zhuang (AQCMM) on 9/3/2019.
9/10/2019	Onsite	HN6U33	SERC_032	JLG	6042 T4F 6K Reach Forklift	2016	160073851	United Rentals	Newtron	Cummns	FCEXL03.8AAA	QSF3.8	3.8	2015	89276073	89	4	U-R-002-0620	Green Tag Issued 9/12/2019	(AQCIVIIVI) OII 9/3/2019.
9/13/2019	9/18/2019	166565	SERC_033	Catapillar	XQ200 Generator	2014	CAT00C71KMRP00571	Quinn Power	MSTS	Catapillar	DPKXL7.01BL1	C7.1	7.01	2014	E7B00723		4		Blue Tag Issued 9/13/2019	Removed from site 9/18/2019. Green tag not issued
9/16/2019	10/25/2019	WP9E86	SERC_034	JLG	660SJ Manlift	2015	300206993	Sunstate	ARB	Deutz	FDZXL02.9020	TD2.9L4	2.925	2015	11777630	67	4	u-r-013-0496	Green tag issued 9/20/2019	
9/23/2019	Onsite	XG7V58	SERC_035	Grove	GRT880 Crane	2017	235778	ARB	ARB	Cummins	GCEXL06.7AAK	QSB6.7	6.7	2016	74026109	275	4	u-r-002-0639	Green Tag Issued 10/01/2019	
10/8/2019	Onsite	NL7M56	SERC_036	JLG	600AJ Articulating Boom Lift	2014	10281594	United Rentals	ARB	DEUTZ	EDZXL02.9020	TD2.9L4	2.19	2014	11598545	67	4	U-R-013-0472	Green Tag Issued 10/22/2019	
10/25/2019	Onsite	SG9H76	SERC_037	JLG	860SJ 85' Boom lift	2017	300233300	Sunstate Rentals	ARB	Deutz	HDZXL02.9020	TD2.94L	2.925	2017	12033372	67	4	u-r-013-0527	Green Tag Issued 10/31/2019	

AQCMM or Delegate name:	Jon Kimble	Form: SERC-CAC	չ-003
AQCMM or Delegate signatur	g: Jon Kimble Digitally signed by Jon Kimble Delete: 2019;10.02 16:40:45-97007		

Date: October 2, 2019i

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL N	IOTES:			

AQCMM or Delegate name:	Jon Kimble	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Jon Kimble Digitally signed by Jon Kimble Date: 2019.10.03 16:43:47-0700	

Date: October 3, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NO	OTES:			

Form: SERC-CAQ-003

AQCMM or Delegate name:	Jon Kimlbe	
AQCMM or Delegate signature:	Jon Kimble	Digitally signed by Jon Kimble Date: 2019.10.05 15:29:48 -07'00'
0 1 1 0010		

Date: October 4, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:
60' Boom Lift was delivered to the stie for extended use. the lift is <50 HP.

AQCMM or Delegate name:	Jon Kimble	Form: SERC-CAQ-003
AQCMM or Delegate signature	e: Jon Kimble Digitally signed by Jon Kimble Date: 2019.10.05 15:23:15-0700'	

Date:	October 5, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-00
AQCMM or Delegate signature: Michael Malsy Date: 2019:1024 21:56:49-0700	
Date: 10/7/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-00
AQCMM or Delegate signature: Michael Malsy Deltally signed by Michael Maley Dete: 2019.10.24 21:57:44-0700	
Date: 10/8/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-
AQCMM or Delegate signature: Michael Malsy Delate: 2019.10.24 21:58:23-0700	
Date: 10/9/2019	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ
AQCMM or Delegate signature: Michael Malsy Deltally signed by Michael Malsy Dete: 2019.10.24 21:59-45-0700	
Date: 10/10/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature	Michael Malsy Digitally signed by Michael Malsy Date: 2019.10.24 22:00:26-0700	_
Date: 10/11/2019		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SER
AQCMM or Delegate signature: Michael Malsy Delate: 2019:10:24 22:01:26-0700	
10/14/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-00:
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.10.24 22:02:06-0700	
Date: 10/15/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.10.24 22:04:26-0700	
Date: 10/16/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL N	IOTES:			

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.10.24 22:05:07-0700	
Date: 10/17/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-C
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.10.24 22:06:04-07007	
Date: 10/18/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Date: 2019:1024 22:06:56 -07:00	
Date:	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL N	IOTES:			

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ
AQCMM or Delegate signature: Michael Malsy Delate: 2019:10:24 22:07:36-07:00	
Date: 10/22/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.10.24 22:08:09-0700	
Date:	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CA
AQCMM or Delegate signature: Michael Malsy Date: 2019:10:24 22:08:50 -0700	
Date: 10/24/2019	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:		

Form: SERC-CAQ-003

AQCMM or Delegate name:	Jon Kimble	
AQCMM or Delegate signature:	Jon Kimble	Digitally signed by Jon Kimble Date: 2019.10.25 16:24:49 -07'00'

Date:	October 25, 2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	Y	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

IDDA	TIONAL	NO.	TFS:

Received Sun State, 67 HP, Tier 4 85' Telescopic Boom Lift SN 030233300. Removed 65' JLG unit today.

AQCMM or Delegate name:	Jon Kimble	
AQCMM or Delegate signature	Jon Kimble	Digitally signed by Jon Kimble Date: 2019.10.28 17:40:51 -07'00'
Date: October 28, 2019		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate na	ame: Mike Malsy
QCMM or Delegate sig	Michael Malsy Digitally signed by Michael Malsy Date: 2019.11.05 16:48:46 -08'00'
	gnature:
Date:10/29/2019	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL N	IOTES:			

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-0
AQCMM or Delegate signature: Michael Malsy Delate: 2019.11.05 16:50.12 -08007	
Date: 10/31/2019	

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL N	IOTES:			



November 1, 2019

W Power, LLC – Stanton Energy Reliability Center 10711 Dale Avenue Stanton, Ca 90680

Attn: Tim Bofman

Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Bofman:

This letter confirms that ARB performs daily inspections and required maintenance at the regularly scheduled intervals for the previous month for all on-site equipment. See attached *AQCMP Equipment Log* for ARB equipment currently on-site.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	N/A
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A
8/7/2019	Onsite	VT6H48	SERC_027	Xtreme Manufacturing	XR2045 Forklift	2018	XR2045-11- 18039329	Ellis	ARB
9/16/2019	Onsite	WP9E86	SERC_034	JLG	660SJ Manlift	2015	300206993	Sunstate	ARB
9/23/2019	Onsite	XG7V58	SERC_035	Grove	GRT880 Crane	2017	235778	ARB	ARB
10/8/2019	Onsite	NL7M56	SERC_036	JLG	600AJ Articulation Boom Lift	2014	10281594	Sunstate	ARB
10/25/2019	Onsite	SG9H76	SERC_037	JLG	860SJ 85' Boom Lift	2017	300233300	Sunstate	ARB

Respectfully,

Steven Fischer

ARB, Inc.

Project Manager

Bill Petty's Backhoe Service, Inc. 13203 Barlin Ave. Downey, CA 90242 2003 Spack (J.Ca.) 1562-630-3162

Fax: 562-630-7341

November 1, 2019

ARB, Inc. 26000 Commercentre Dr. Lake Forest, CA 92630

Attn: Nick Fasich

RE: W Power, LLC – Stanton Energy Reliability Center 10711 Dale Avenue Stanton, Ca 90680

Subject: Equipment Maintenance

Month: November 2019

Dear Mr. Tasich.

This letter serves to inform you that the following equipment on the job is being serviced and maintained, the operator does a daily walk around inspection each morning. The operator has the reports with him for the backhoe and you can see the reports at any time.

D & S Backhoe (Kent) 580 SN-Backhoe; Serial Number: JJ6N585NLECT05659

If you should have any questions, please let me know.

Respectfully submitted,

Patricia Petty President

Date Move on	Date Move off	CARB ID 6 digit (EIN)	SERC ID	Mfr	Model/ Description	<u>Model</u> <u>Year</u>	Serial Number	Owner
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN-Backhoe	2014	JJ8N686NLECTUS658	D&S BACKHOE SERVICE
Renter	Mfr	Engine Family	Engine Model	Displacement (1.)	Model Year	Serial Number	Diesel (hp)	Tier
Bill's Backhoe	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4
Engine Certification on File	Compliance Tag	Notes						
u-r-015-0283	Green tag issued 02/19/2019							



November 1, 2019

ARB, Inc. – Stanton Energy Reliability Center 26000 Commercentre Drive Lake Forest, Ca 92630

Attn: Nick Tasich

ARB, Inc.

RE: Maintenance and Inspection of Equipment

Dear Mr. Tasich:

This letter confirms that Maxim performs daily inspections and required maintenance at the regularly scheduled intervals for the previous month for all on-site equipment. See below for Maxim equipment currently on-site.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
			Manitowoc					
8/31/2019	onsite	TX5P83	999	Crawler Crane	2002	9991103	Maxim	Maxim

Respectfully,

Charlie Giovanni Maxim Crane

Project Manager



1301 SOUTH STATE COLLEGE BLVD

Fullerton, CA. 92831

Office: 714-871-5712

Fax: 714-871-1107

From: United Rentals, Inc.

To: ARB/Newtron LLC.

Subject: LETTER OF MAINTENANCE VERIFICATION

The intention of this letter is to verify that all preventative maintenance and/or service bulletins are current in accordance with the manufacturer's and ARB's / Newtron's recommendations during the month of November 2019.

This is for the equipment listed below at:

10711 DALE ST

STANTON, CA. 90680

DESCRIPTION	EIN NUMBER	SERIAL NUMBER
GENIE VARIABLE REACH FORKLIFT	JW5N58	10366180
JLG BOOM LIFT 60' ART	LR7P73	10755669
SKYTRAK VARIABLE REACH FORKLIFT	HN6U33	10478100
JCB 7K VARIABLE REACH FORKLIFT	RV7M68	10507929

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager

Dogoy.



Appendix B2
Documentation of AQ-SC5 Compliance
(SCE Site)

SERC 66 KV Interconnection - Offroad Diesel Equipment Inventory October 2019

						Equip	oment					Engine								
<u>Date</u> <u>Arrived</u>	<u>Date</u> <u>Removed</u>	CARB ID 6 digit (EIN)	SERC ID	<u>Manufacturer</u>	Model/Description	Model Year	Serial Number	<u>Owner</u>	Renter	<u>Manufacturer</u>	Engine Family	Engine Model	<u>Displacement</u> (<u>L)</u>	Model Year	Serial Number	Diesel (hp)	<u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
10/21/2019	Onsite	VD5L46	SERC_66KV_01	Bobcat	S770	2017	AT5A12704	RJ ALLEN	NA	Doosan	HDICL03.4LEA	D34P	3.4	2017	34P7031263LEL02	92	4F	u-r-019-0147-1	Green tag issued 10/22/2019	
10/21/2019	Onsite	UU6G94	SERC_66KV_02	Caterpillar	450F	2018	HJR00830	RJ ALLEN	NA	Perkins Engine Company	EPKL04.4MK1	C4.4	4.4	2014	C7N38974	127	41	u-r-022-0191	Green tag issued 10/22/2019	
10/21/2019	Onsite	JX8N65	SERC_66KV_03	Bobcat	E32	2014	B2VV11390	RJ ALLEN	NA	Doosan	EDICL01.8LEA	D18NAP	1.8	2014	D18NAP4001190E0	33	4F	u-r-019-0130	Green tag issued 10/22/2019	
10/21/2019	Onsite	MU4K93	SERC_66KV_04	Caterpillar	450	2019	0KJH00203	RJ ALLEN	NA	Perkins Engine Company	KPKXL04.4MT1	C4.4	4.4	2019	W7N61238	134	4F	u-r-22-0218	Green tag issued 10/22/2019	
10/24/2019	28-Oct	LP5P36	SERC_66KV_05	Lodril/John Deer	135G	2015	1FF135GXVEE400860	Howell Drilling	SCE	ISUZU	ESZXL03.0MXA	AM-4JJ1X	3	2014	1ZU4JJ1183849	103	41	u-r-006-0386	Yellow tag issued 10/25, vehicle removed 10/28	Tier 3 equipment used onsite for 3 days.
10/25/2019	Onsite	EX9H48	SERC_66KV_05	SNORKEL	AB60J	2015	AB60J-04-000074	SUNBELT/KING	SCE	KUBOTA	CKBSL02.4HAD	V2403	NA	2015	7FC9905	NA	41	u-r-025-0664	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	JY8C64	SERC_66KV_06	SNORKEL	AB-85R	2014	AB85J-04-000024	SUNBELT/KING	SCE	DEUTZ	CDZXL03.6081	D2011L041	3.26L	2014	11340859	NA	41	u-r-013-0487	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	YL6547	SERC_66KV_07	JLG	1732	2019	160095409	SUNBELT/KING	SCE	DEUTZ	KDZXL03	TCD3.6L4	3.6L	2019	12347466	NA	4F	u-r-013-0576/7/8/9	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	NW8R57	SERC_66KV_08	GEHL	RS5-19	2019	35329	SUNBELT/KING	SCE	YANMAR	JYDXL3.32NDA	4TNV98C-NGT	3.3L	2018	83043	59	4F	u-r-028-0828	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	GP3K57	SERC_66KV_09	SNORKEL	A46JRT	2014	A46JRT-04-000106	SUNBELT/KING	SCE	KUBOTA	EKBXL01.5BPD	V1505	1.5L	2014	KN2047	30	4F	u-r-025-0619	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.
10/25/2019	Onsite	NL4F64	SERC_66KV_10	SNORKEL	A46JRT	2014	A46JRT-04-000104	SUNBELT/KING	SCE	KUBOTA	EKBXL01.5BPD	V1505	1.5L	2014	1CN2791	30	41	u-r-025-0619	Blue tag issued 11/7/2019	Locked out not in use in October, 2019.

NA: Information not available at the time of the report.

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66	6KV_CAQ-003
AQCMM or Delegate signatur	_{e:} Robert Dixon		
10-21-19			

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	у	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	У	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Bobcat loader, mini-excavator, and Backhoe

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

AQCMM or Delegate name:	Robert Dixon	Form: SI	ERC-66KV_CAQ-003
AQCMM or Delegate signatur	_: Robert Dixon		
10-22-19			

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	у	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	у	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Howell drill rig

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-003
AQCMM or Delegate signature	Robert Dixon	
10-23-19		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	У	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOT	LEC

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-003
AQCMM or Delegate signatu	re: Robert Dixon	
10-24-19		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	у	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

7 D I	NOITIC	ΙΔΙΛ	IOTES:

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-003
AQCMM or Delegate signature	Robert Dixon	
10-25-19		

	Response	
Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	(yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	у	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

JDD	ITIONA	M IA	OTES

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-003
AQCMM or Delegate signatur	_{e:} Robert Dixon	
10-28-19		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	У	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

JDD	ITIONA	M IA	OTES

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-003
AQCMM or Delegate signatur	_{e:} Robert Dixon	
Data: 10-29-19		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	У	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOT	LEC

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-003
AQCMM or Delegate signature	Robert Dixon	
10-30-19		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	У	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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AQCMM or Delegate name:	Robert Dixon	Form	m: SERC-66KV_CAQ-003
AQCMM or Delegate signatur	_{e:} Robert Dixon		
10-31-19			

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	У	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	у	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOT	LEC



October 22, 2019

RJ Allen Inc. 10392 Stanford Ave Garden Grove, CA 92840

This letter confirms that RJ Allen Inc. performs daily inspections and required maintenance at the regularly scheduled intervals for the month on all on-site equipment.

<u>Date</u> <u>Arrived</u>	<u>Date</u> <u>Removed</u>	CARB ID 6 digit (EIN)	Manufacturer	Model/Description	Modei Year	Serial Number	Owner	<u>Manufacturer</u>	Engine Family	Engine Model	Displacement	Model Year	Serial Number	<u>Diesel</u> (hp)	<u>Tier</u>
10/21/19	Onsite	VD5L46	Bobcat	S770	2017	AT5A12704	RJ ALLEN	Doosan	HDICL03.4LEA	D34P	3.4	2017	34P7031263LEL02	92	4F
10/21/19	Onsite	UU6G94	Caterpillar	450F	2018	HJR00830	RJ ALLEN	Perkins Engine Company	EPKL04.4MK1	C4.4	4.4	2018	C7N38974	127	4F
10/21/19	Onsite	JX8N65	Bobcat	E32	2014	B2VV11390	RJ ALLEN	Doosan	EDICL01.8LEA	D18NAP	1.8	2014	D18NAP4001190E0	33	4F
10/21/19	Onsite	MU4K93	Caterpillar	450	2019	0КЈН00203	RJ ALLEN	Perkins Engine Company	KPKXL04.4MT1	C4.4	4.4	2019	W7N61238	134	4F

Shawn Ellis

RJ Allen Inc.

Operations Manager

October 21, 2019

Howell Drilling, Inc. 2579 E 67th Street Long Beach, CA 90805



This letter confirms that Howell Drilling, Inc. performs daily inspections and required maintenance at the regularly scheduled intervals for the precious month for all on-site equipment. See attached AQCMP Equipment Log for Howell Drilling, Inc. equipment on-site.

Date Arrived	Date Removed	6 digit (EIN)	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
10/24/19	TBD	LP5P36	Lodril/John Deere	LODRIL LMFB-70 MOUNTED ON 2015 JOHN DEERE 135G EXCAVATOR	2015	1FF135GXYEE400860	Howell Drilling, Inc.	N/A

LODRIL LMFB-70 (LM3) MOUNTED ON 2015 JOHN DEERE 135G EXCAVATOR

SERIAL NUMBER: #1FF135GXVEE400860

OWNER: HOWELL DRILLING, INC.

Rind Regards,
Paul Hourdl

Paul Howell

Howell Drilling, Inc.

Owner

Attachment 4 –Biological Resources



Memorandum

2600 Michelson Drive, Suite 500 Irvine, CA 92612 United States www.jacobs.com

Subject Stanton Energy Reliability Center (16-AFC-1)

Biological Resources Monthly Compliance Report

October 2019

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs

SERC CEC Designated Biologist

Date: November 6, 2019

Copies: Sharon Stureman, SERC, LLC

Doug Davy, Jacobs Karen Parker, Jacobs

1. Introduction

This October 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from October 1 through October 31, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C). The MCR is in accordance with the current (October 2018) Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological resources California Energy Commission (CEC) License Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

- BIO-2: Designated Biologist Duties
- BIO-5: Worker Environmental Awareness Program (WEAP)
- BIO-6: Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP)
- BIO-7: General Impact Avoidance Mitigation Measures
- BIO-8: Pre-construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds

2. Monitoring Summary

This section summarizes biological monitoring activities conducted during the October 2019 reporting period. Construction started at the SERC site (located at 10711 Dale Avenue, Stanton, Orange County, California) on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

During the October 2019 reporting period biological monitoring was conducted on the SERC site weekly. Daily Biological Resources Compliance Monitoring Logs are provided in Appendix A. A list of wildlife species observed during the monitoring events are included in Appendix B.



2.1 Activities Monitored

SERC construction activities were monitored weekly from October 1 through October 31, 2019. Locations monitored included the SERC site (western and eastern parcels), Bethel Romanian Pentecostal Apostolic Church parking lot (located at 10801 Dale Avenue, Stanton), Southern California Edison Laydown Yards (western and eastern), St. John the Baptist Greek Orthodox Church SoCal Gas Laydown Yard, Natural Gas Pipeline (along Dale Avenue from La Palma to West Orange Avenue), and SCE Gen-Tie Line activities at Barre Substation (located at 8662 Cerritos Avenue, Anaheim).

Construction activities at the SERC site included ongoing pipe fabrication and above-ground infrastructure work. Construction on the natural gas pipeline started on August 19, 2019. Pipeline construction activities included asphalt cutting/grinding and removal, installation and welding of steel plates, trench excavation and shoring, potholing, and use of the laydown yard at St. John the Baptist Greek Orthodox Church. Gen-tie line activities began on the SCE Barre Substation on October 21, 2019 and included excavation and pipe installation.

2.2 Nesting Birds

No protected active nests were observed during the October 2019 reporting period. Bird species observed during biological monitoring are included in Appendix B.

2.3 Special-Status Species

No special status species were observed in the project vicinity or on the project site during October 2019. A list of wildlife species observed during monitoring is included in Appendix B.

2.4 Wildlife Injuries and Mortalities

No injured wildlife species were observed in October 2019; however, a deceased American coot (*Fulica americana*) was identified on October 10, 2019 on the south side of Parcel 1.

The Wildlife Observations Form for wildlife observed during the October 2019 reporting period is provided in Appendix C.

2.5 Hazardous Material Spills

One hazardous material spill occurred at the project site during the October 2019 reporting period. Approximately 2 cups of hydraulic oil leaked from a hose rupture on Parcel 2 on October 24, 2019. The spill was cleaned up and the hose was repaired. Details of the spill and cleanup efforts will be submitted separately.



2.6 Non-Compliance Report

No formal non-compliance notifications or incident reports were issued during the October 2019 reporting period.

3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 96 persons completed the SERC WEAP training in October 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix D.



Appendix A Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Date			Monitor Time (Begin-End)				
October 2, 20	2, 2019		k	(en Levenstein	evenstein 0630 - 1345			
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment		
58 – 82	0	-4	0 in	Good		Sunny		

Location(s) of Work Site Activities Monitored

SERC - Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, above-ground infrastructure work, receiving and movement of equipment/materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to above-ground infrastructure construction, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.

Western Laydown – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, receiving and movement of equipment/materials, reporting.

Eastern Laydown – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, receiving and movement of equipment/materials, reporting.

Greek Orthodox Church Laydown – Surveyed church parking lot and surrounding area (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Pipe fabrication, receiving and movement of equipment/materials, reporting. (see Photo Log).

Dale Avenue Pipeline, Northern and Middle Sections – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt cutting, excavation, pipelitting, pipelaying, paving, reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

None

Nesting Bird Observations:

None

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

No specific items requiring follow-up Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Birds: Red-tailed hawk (*Buteo jamaicensis*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), American crow (*Corvus brachyrhynchos*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).



Location

Dale Avenue Gas Pipeline – Northern Section

Description

View south along Dale Avenue from adjacent to Buena Park Downtown Mall at ongoing pipelaying activity.

Photo 2



Location

Dale Avenue Gas Pipeline – Northern Section

Description

View north along Dale Avenue adjacent to Greek Orthodox Church Laydown at ongoing natural gas pipeline construction.



Location

Dale Avenue Gas Pipeline – Northern Section

Description

View north along Dale Avenue from south of Crescent Avenue at slurry pour into pipeline trench.

Photo 4



Location

Greek Orthodox Church Laydown

Description

View southwest from northern portion of Greek Orthodox Church Laydown at staged materials.



Location

Dale Avenue Gas Pipeline – Northern Section

Description

View north along Dale Avenue adjacent to Greek Orthodox Church Laydown at ongoing pipelaying activity.

Photo 6



Location

SERC - Western Parcel

Description

View southeast from eastern portion of Western Parcel at first layer of water tank for demineralization system. Crane at left will be used to add another two layers to the tank.



Location

SERC - Eastern Parcel

Description

View east-southeast from western portion of Eastern Parcel at excavation of storm drain underway.

Photo 8



Location

SERC - Eastern Parcel

Description

View west from western portion of Eastern Parcel at excavation for storm drain system.



Location

SERC – Eastern Parcel

Description

View west from eastern portion of Eastern Parcel at ongoing aboveground infrastructure construction.

Photo 10



Location

SERC – Eastern Parcel

Description

View east from central portion of Eastern Parcel at ongoing aboveground infrastructure construction.



Location

Dale Avenue Gas Pipeline – Northern Section

Description

View north along Dale Avenue south of intersection with La Palma Avenue at ongoing natural gas pipeline construction.

Photo 12



Location

Dale Avenue Gas Pipeline – Northern Section

Description

View south along Dale Avenue adjacent to Greek Orthodox Church Laydown at ongoing natural gas pipeline construction.

Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date				Time (Begin-End)			
October 9, 20	19		ŀ	Ken Levenstein 0630 - 1045			
Temperature (°F)	Wind	i (mph)	Precipitation amount	Visibility	We	eather Comment	
58 – 71	0	- 4	0 in	Good	C	louds and sun	

Location(s) of Work Site Activities Monitored

SERC - Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, above-ground infrastructure work, receiving and movement of equipment/materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to above-ground infrastructure construction, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.

Western Laydown – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, receiving and movement of equipment/materials, reporting.

Eastern Laydown – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity, receiving and movement of equipment/materials, reporting.

Greek Orthodox Church Laydown – Surveyed church parking lot and surrounding area (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Pipe fabrication, receiving and movement of equipment/materials, reporting.

Dale Avenue Pipeline – Northern section paved from La Palma Avenue south to Greek Orthodox Church Laydown.

Middle Section (north end) – Excavating, laying pipe, and paving, from Greek Orthodox Church Laydown entrance (north) to HDD entrance pit north of Lincoln Avenue (south).

Middle Section South of Carbon Creek – Excavating, stripping and cutting pavement from HDD exit hole (north) to Savoy Place (south). Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. (see Photo Log).

Summary of Biological Resources Monitoring Observations

Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

None

Nesting Bird Observations:

None

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

No specific items requiring follow-up Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Birds: Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).



Location

SERC – Eastern Parcel

Description

View southwest from central portion of Eastern Parcel at ongoing above-ground infrastructure construction.

Photo 2



Location

SERC – Eastern Parcel

Description

View west-southwest from western portion of Eastern Parcel at ongoing above-ground infrastructure construction.



Location

SERC - Eastern Parcel

Description

View west from western portion of Eastern Parcel at new excavation for storm drain system.

Photo 4



Location

SERC - Western Parcel

Description

View southeast from eastern portion of Western Parcel at workers adding third layer to water tank for demineralization system.



Location

Dale Avenue Gas Pipeline – Middle Section

Description

View south-southeast along Dale Avenue at ongoing pipeline excavation north of Broadway.

Photo 6

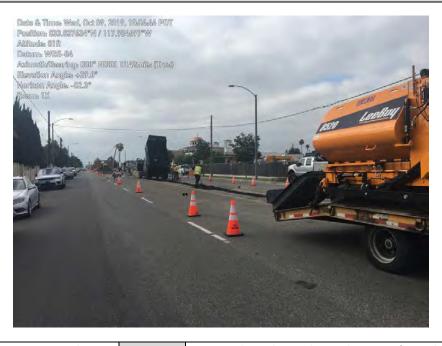


Location

Dale Avenue Gas Pipeline – Northern Section

Description

View north-northwest along Dale Avenue from adjacent to Greek Orthodox Church Laydown entrance at recently paved section of pipeline. Paving complete from here north to La Palma Avenue.



Location

Dale Avenue Gas Pipeline – Northern Section

Description

View south-southwest along Dale Avenue from adjacent to Greek Orthodox Church Laydown entrance at paving underway. Truck at center left of photo is dumping asphalt into excavation where pipe has been laid.

Photo 8



Location

Dale Avenue Gas Pipeline – Northern Section

Description

View southwest along Dale Avenue from adjacent to Greek Orthodox Church at ongoing pipelaying activity.

Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date				Time (Begin-End)		
October 15, 20	019		Ava Edens (DB)			0900-1200
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
72 – 76	0	- 5	0 in	Good	Cl	ear and sunny

Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

SERC Site

Western Parcel – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

SCE Laydown Yards:

Western Laydown – Activities included parking and storage of equipment/materials.

Eastern Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.

SoCal Gas Sites:

Greek Orthodox Church Laydown – Equipment storage and office trailers.

Dale Avenue Natural Gas Pipeline – Monitored active section, from Greek Orthodox Church Laydown entrance (north) to West Orange Avenue (south). Activities included trenching and pipe installation.

Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

None

Nesting Bird Observations:

None

Other Biological Resources Observations:

None

Other Observations/Comments:

• None

Items Requiring Action/Follow-up

• No specific items requiring follow-up. Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), common raven (*Corvus corax*), European starling (*Sturnus vulgaris*), and house finch (*Haemorhous mexicanus*).



Location

SERC – Western Parcel

Description

View east from central portion of Western Parcel at ongoing infrastructure construction.

Photo 2



Location

SERC - Western Parcel

Description

View south from eastern portion of Western Parcel at ongoing infrastructure construction.



Location

SERC – SCE Eastern Laydown Yard

Description

View southwest from the eastern SCE Laydown Yard.

Photo 4



Location

SERC – Bethel Church Parking Lot

Description

View east from the western end of the Bethel Church Parking Lot.



Location

Dale Avenue Gas Pipeline – At Carbon Creek

Description

View north-northwest along Dale Avenue at pipeline work area north of Carbon Creek channel.

Photo 6



Location

Dale Avenue Gas Pipeline – At Carbon Creek

Description

View south-southwest along Dale Avenue at pipeline work area south of Carbon Creek channel.



Location

Dale Avenue Gas Pipeline – At West Broadway

Description

View south-southwest along Dale Avenue of West Broadway intersection of ongoing pipeline excavation.

Photo 8



Location

Dale Avenue Gas Pipeline – Greek Orthodox Church Laydown

Description

View south of SoCal Gas Laydown Yard at the Greek Orthodox Church.

Date				Time (Begin-End)		
10/21/2019)		Wil	l Molland-Simms	0600-1300	
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
62	(0-5	0	Unlimited	Cle	ear, light winds

Location(s) of Work Site Activities Monitored

Work occurred today exclusively at the Barre substation.

0600- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foreman, Jason Crumb. Mr. Crumb advised the crew would arrive at the yard in full at 0630 and that the tailboard should be carried out then.

0630- Mr. Molland-Simms conducted an environmental tailboard for the crew, along with members or Paleo, Arch and SWPPP team, reviewing regulatory requirements for the project and going over potential compliance issues that could arise. All pertinent biological, archeological, paleontological and SWPPP issues were reviewed and discussed with the team. 21 total members attended the training and signed the log.

0720- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective.

0730- Project Manager, Travis Tolliver, requested Mr. Molland-Simms retrieve WEAP materials/stickers as well as air certification placards from fellow PM, Tim Bofman, at a neighboring yard. Correspondence continued throughout the day with Mr. Tolliver regarding various issues.

0800- Mr. Molland-Simms left the Barre substation and met Mr. Bofman in a neighboring yard. The WEAP and air quality stickers were secured before Mr. Molland-Simms returned to the site.

0815- Mr. Molland-Simms returned to Barre substation and distributed stickers to crew members, ensuring all team members had stickers on their hard hats.

0830- The SCE crews began framing and otherwise working with the electrical structures on the site. The crew utilized a bobcat, fork-lift and various hand tools to prepare electrical conduit on the site. A portable electrician trailer was also utilized for this purpose. The crew worked in this manner throughout the day.

0930- Mr. Molland-Simms met with SCE foreman, Robert Dixon, and went over the ramping requirements for all trenching activities on-site. Mr. Dixon was advised that every excavation should have at least two ramps going in/out at a slope no greater than 2:1. It was then confirmed that the crew had enough 2"x12" boards to be in all excavations planned and the layout of the ramps at the end of the day was confirmed. The work area was also reviewed, and the work area on-site had been delineated with cones and stakes, with additional staking observed outside of the substation in a neighboring plant nursery.

1000- The crew began excavations within the substation utilizing a small excavator. The crew moved piled gravel out of the way before excavating soil underneath. A water hose was utilized to water the area to minimize dust impacts. The spoils were placed outside of the work area and watered to minimize dust. The crew worked in this manner throughout the day and had not completed excavations by the time Mr. Molland-Simms left for the day.

1200- The crews broke for lunch.

1300- Mr. Molland-Simms left the site for the day.

- Special-Status Species Observed: None
- Nesting Bird Observations: None
- Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting.
- Other Observations/Comments: None

Items Requiring Action/Follow-up

None

Wildlife Species Observed:

Black phoebe, western kingbird, house finch, American kestrel, common raven, house sparrow, song sparrow, mourning dove, rock pigeon, Anna's(?) hummingbird, northern mockingbird, lesser goldfinch.



Location

Barre Substation

Description

The crew reviewing the planned work for the substation at the work location. Looking south.

Photo 2



Location

Barre Substation

Description

The crew working on framing of electrical structures on-site utilizing a fork-lift. Looking south.



Location

Barre Substation

Description

Cones and staking indicating where the work leaves the substation and goes into neighboring property. Staking is also in neighboring property delineating work area. Looking southeast.

Photo 4



Location

Barre Substation

Description

SCE crews starting excavations within the substation. Water is being used to minimize dust. Looking south.



Location

Barre Substation

Description

SCE crews continuing to excavate in the substation with Archeological and Paleontological monitors present. Looking east.



Certification of Completion of Worker Environmental

Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
Cultural, Paleontological, and Biological Resources Education Program Verification
All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (<u>Environmental Awareness</u>) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program meterials.

No.	Employee Name	Company	Signature a	Date
1.	TIT STEVESON	SCE	1711114	10121119
2.	ANTAL FAZEKAS	SCL	axtel towards	10/20/19
3.	MUNICA NEWTON	EKM	Work	194/12
4.	Scan French	SCE	Sur a Cumit	10/21/10
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10.	Francisco Turnibarter	SCC	A COLOR	1/21/19
11.	Dezword Coffeet	SCE	4 dente	10/2/19
12.	500 DILON	SCE	to be	10/21/19
13.	James Greenley	R.I. Allen	1	w/21/19
14.	Patrick Dunleary	SLE	Fotul St Dular	10/21/19
15.	JUSE J VALLE	S.CE	My suc 0	10-21-19
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WEAP sign-in sheet for 10/21/2019

Location

Barre Substation

Description

Date		Monitor				Time (Begin-End)
10/22/2019)		Jonathan Gunther			0700-0800
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
62	(0-3	0	Good		

Location(s) of Work Site Activities Monitored

Biologist did not monitor work today but was on site at 0700 to provide WEAP training to three new workers. In addition to WEAP training the biologist swept the work area to check for any potential resources and inspect condition of the site. Site was clean and free of any potential wildlife entrapment concerns. Before leaving the site photos were taken.

Summary of Biological Resources Monitoring Observations

Special-Status Species Observed: None

Nesting Bird Observations: None

Other Biological Resources Observations: None

Other Observations/Comments: None

Items Requiring Action/Follow-up

None

Wildlife Species Observed:

house finch mourning dove American crow

Continues of Worker Environmental Collings of Manager School Collings of Ma



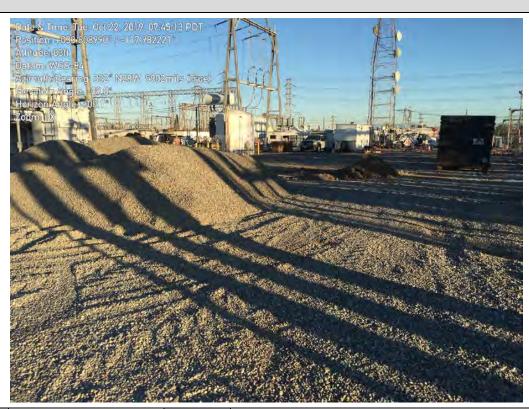
Location

33.808680/ -117.981700 33.808311 / -117.981532

Description

Backed up view of work area Skid steer dumping spoils

Photo 4

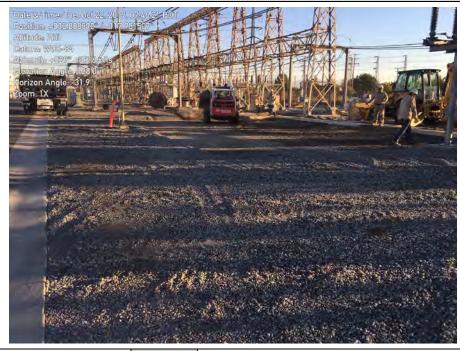


Location

33.808990 / -117.982221

Description

Spoil and gravel piles



Location

33.808392 /-117.981507

Description

Clearing gravel

Date		Monitor				Time (Begin-End)
October 23, 20	019	Ava Edens (DB)			1000-1330	
Temperature (°F)	Wind	(mph)	Precipitation amount	Visibility	We	eather Comment
80 – 81	0 -	- 1	0 in	Good	Clear and sunny	

Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

SFRC Site

Western Parcel – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

SCE Laydown Yards:

Western Laydown – Activities included parking and storage of equipment/materials.

Eastern Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.

SoCal Gas Sites:

Greek Orthodox Church Laydown – Equipment storage and office trailers.

Dale Avenue Natural Gas Pipeline – Monitored active sections, from West Yale Avenue (north) to Lincoln Avenue (south) and from Broadway (north) to Stoneybrook (south). Activities included trenching, pipe installation, and saw cutting concrete.

Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

None

Nesting Bird Observations:

None

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

• No specific items requiring follow-up. Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Morning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), European starling (*Sturnus vulgaris*), and house finch (*Haemorhous mexicanus*).



Location

SERC – Eastern Parcel

Description

View south from central portion of Eastern Parcel at ongoing infrastructure construction.

Photo 2



Location

SERC - Eastern Parcel

Description

View south-east from western portion of Eastern Parcel at ongoing infrastructure construction.



Location

SERC - Eastern Parcel

Description

View south-west from western portion of Eastern Parcel at ongoing infrastructure construction.

Photo 4



Location

SERC – SCE Eastern Laydown Yard

Description

View northeast (Dale Avenue in background) from the southern end of the eastern SCE Laydown Yard.



Location

SERC – Bethel Church Parking Lot

Description

View west from the eastern end of the Bethel Church Parking Lot. $\label{eq:church_parking} % \begin{subarray}{ll} \end{subarray} \begin{$

Photo 6



Location

Dale Avenue Gas Pipeline

Description

View north-northeast along Dale Avenue at pipe installation activities.



Location

Dale Avenue Gas Pipeline – At West Savoy Place

Description

View south-southeast along Dale Avenue of north of West Savoy Place intersection of ongoing pipeline installation.

Photo 8



Location

Dale Avenue Gas Pipeline – Greek Orthodox Church Laydown

Description

View south-southwest of SoCal Gas Laydown Yard at the Greek Orthodox Church.

Date				Time (Begin-End)		
10/23/19		William Roberts				0615-0800
Temperature (°F)	Wind (mph)		Precipitation amount	Visibility	We	eather Comment
68-71	Calm		n/a	Clear		

Location(s) of Work Site Activities Monitored

Barre Substation

Biologist arrived on site to provide WEAP training for new crew members and to complete a pre-con sweep. After speaking to a foreman one worker was identified as needing WEAP training. While the biologist was setting up the presentation a different foreman alerted the worker who was to be trained that he was on a different project than SERC and that he did not require WEAP training. The two foremen made some calls and determined that no workers on site needed WEAP training. The biologist performed a pre-con sweep of the site, during, and after the phone calls, and did not observe any compliance concerns. Full monitoring will be performed tomorrow the 24th of October by Will Molland-Simms.

Summary of Biological Resources Monitoring Observations

Special-Status Species Observed: none

Nesting Bird Observations: none

Other Biological Resources Observations: none

Other Observations/Comments: The trench on site had been sloped to allow animals to escape.

Items Requiring Action/Follow-up

N/A

Wildlife Species Observed:

common Raven, American crow, rock pigeon

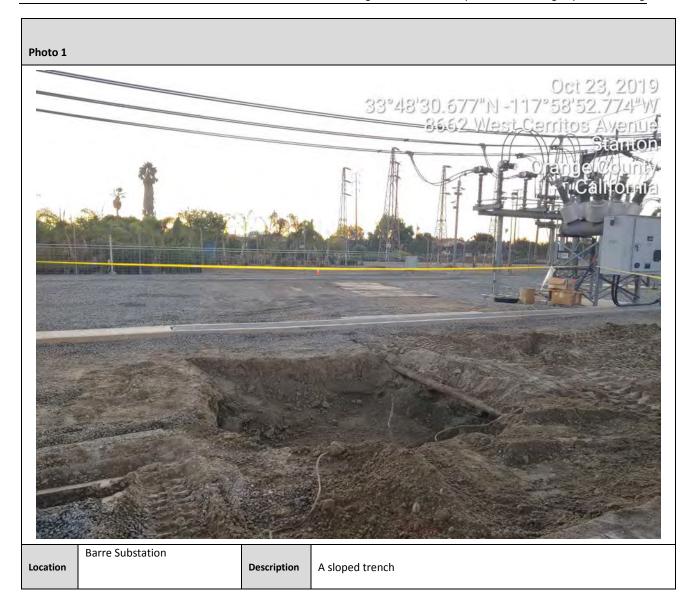


Photo 2 Stanton Orange County Drip pans properly placed under staged equipment **Barre Substation** Description Location



Date			Monitor			Time (Begin-End)
10/24/2019			Will Molland-Simms			0615-1300
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
64	10	0-20	0	Unlimited	Clear, winds increasing throughout the day	

Location(s) of Work Site Activities Monitored

Work occurred today exclusively at the Barre substation.

0615- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foreman, Robert Dixon. Mr. Dixon advised that two additional crew members would require WEAP training today and that they would be arriving shortly.

0630- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective. All excavations more than a foot deep had been covered with metal plates and dirt exit ramps were observed in all other excavations, none of which were more than six inches deep.

0645- Mr. Dixon conducted a tailboard going over the work plan for the day and relevant safety concerns. He advised the crew would drill a series of 18'-20' deep holes and put metal cages inside the excavations. All cages in excavations would be poured with cement tomorrow, 10/25/2019. Mr. Dixon was commended on his use of dirt ramps and steel plates to eliminate potential wildlife entrapment and reminded that all new excavations should also be ramped or covered.

0700- Mr. Molland-Simms conducted an environmental tailboard for the two new crew members to the site.

0745- The crew began work for the day. The drill team moved their drill into position before starting to drill into the soil utilizing a large auger. Soil was then moved out of the work areas by the drill, at which point a small excavator was used to move the soil away from any future drill sites. Once the soil was transplanted out of the work area, it was smoothed out with a skip loader. Once the excavation reached its intended depth, a metal cage was installed in the excavation. The drill rig hoisted the cage up, before dropping it into the excavation. Other SCE crews framed and otherwise worked with the electrical structures on the site.

0830- Project Manager, Travis Tolliver, requested Mr. Molland-Simms hang the Prop 65 warning at the entrance to the substation and to retrieve project documents from the office once monitoring was complete. Correspondence continued throughout the day with Mr. Tolliver regarding various issues.

1030- The drill team completed their first excavation/cage install and moved to the next one. The crew worked in this manner throughout the day, completing several excavations.

1100- The crews broke for lunch.

1215- Mr. Molland-Simms installed the Prop 65 warning at the site entrance and left the site for the day.

1300- Mr. Molland-Simms met Mr. Tolliver at the office and retrieved relevant project signs and documents.

- Special-Status Species Observed: None
- Nesting Bird Observations: None
- Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting.
- Other Observations/Comments: None

Items Requiring Action/Follow-up

None

Wildlife Species Observed:

Red-tailed hawk, Black phoebe, house finch, common raven, American crow, house sparrow, song sparrow, mourning dove, rock pigeon, Anna's(?) hummingbird, northern mockingbird, lesser goldfinch.



Location

Barre Substation

Description

The crew reviewing the planned work for the substation at the work location. Hard to tell, but dirt exit ramps are present where cement walls are present. Looking south.

Photo 2



Location

Barre Substation

Description

The drill crew beginning excavations of their first hole of the day. Looking north.



Location

Barre Substation

Description

The crew utilizing a small excavator and a skip loader to move soil out of the work area and smooth it over. Looking south.

Photo 4



Location

Barre Substation

Description

The crew installing the metal cage into the excavation. Looking east.



Location

Barre Substation

Description

Excavations covered with steel plates on-site. Looking east.

Photo 6



Location

Barre Substation

Description

The Prop 65 warning installed at the entrance to the Barre Substation under the speed limit sign.

Date			Monitor			Time (Begin-End)
10/28/2019			Will Molland-Simms			0615-1300
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
57	5	-10	0	Unlimited	Clear, winds increasing slightly throughout the da	

Location(s) of Work Site Activities Monitored

Work occurred today exclusively at the Barre substation.

0615- Biologist Will Molland-Simms arrived at Barre substation and met with acting SCE foreman, Luis. Luis advised that no new crew members needed training today and that SCE foreman, Robert Dixon, would not be in today.

0630- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective. All excavations more than a foot deep had been covered with metal plates and dirt exit ramps were observed in all other excavations, none of which were more than six inches deep.

0645- Luis conducted a tailboard going over the work plan for the day and relevant safety concerns. He advised the crew would be excavating at least six feet down in the area where the cages/foundations had been installed and that the excavation would be terraced every two feet to avoid requiring shoring. Once everything was excavated to specification (which was not anticipated for today), piping and other conduit would be installed into the excavations. Luis was reminded that all new excavations should be ramped or covered, and he advised a stockpile of wooden boards to be used as exit ramps were ready to go and staged by where excavations were to take place.

0700- The crew began work for the day. A small excavator was utilized to excavate areas around the poured cages/foundations while laborers prepared the metalwork on top. Once enough soil was excavated it was placed outside of the work area where a bobcat was used to transport it away from the work area. Additional crew members sprayed water during excavating to mitigate any potential dust issues. Once the smaller areas were excavated, a larger excavator was utilized to continue excavations to a deeper depth. The crew worked in this manner throughout the day. Other SCE crews framed and otherwise worked with the electrical structures on the site.

0830- Project Manager, Travis Tolliver, requested Mr. Molland-Simms hang the Prop 65 warning at the Dale St. entrance to the substation. Correspondence continued throughout the day with Mr. Tolliver regarding various issues.

0930- Mr. Molland-Simms installed the Prop 65 warning and a speed limit sign at the Dale St. entrance to the Barre substation.

1100- The crews broke for lunch.

1200- The crew continued excavations.

1300- Mr. Molland-Simms left the site for the day.

Special-Status Species Observed: None

Nesting Bird Observations: None

Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting.

Other Observations/Comments: None

Items Requiring Action/Follow-up

None

Wildlife Species Observed:

Killdeer, Black phoebe, house finch, common raven, American crow, house sparrow, song sparrow, mourning dove, rock pigeon, northern mockingbird, lesser goldfinch, American kestrel.



Location

Barre Substation

Description

The crew starting work after completing the morning tailgate meeting on-site. Looking south.

Photo 2



Location

Barre Substation

Description

The crew excavating within the substation with water being added to mitigate for potential dust issues. Looking south.



Location

Barre Substation

Description

The crew utilizing a bobcat to remove excavated soil from the project site. Looking north.

Photo 4



Location

Barre Substation

Description

The crew utilizing a larger excavator to excavate soil while the dust is mitigated and soil is removed. Looking east.



Location

Barre Substation

Description

Continued excavations with wildlife exit ramps (wooden boards) stockpiled and staged nearby. Looking east.

Photo 6



Location

Barre Substation, Dale St. Entrance

Description

The Prop 65 warning and speed limit sign installed at the Dale St. entrance to the Barre Substation. Looking south.

Date		Monitor				Time (Begin-End)
October 29, 20	019	Ava Edens (DB)			1030-1430	
Temperature (°F)	Wind ((mph)	Precipitation amount	Visibility	We	eather Comment
70 – 72	0 -	10	0 in	Good	Clear and sunny	

Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

SFRC Site

Western Parcel – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

Western Laydown – Activities included parking and storage of equipment/materials.

Eastern Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.

SoCal Gas Sites:

Greek Orthodox Church Laydown – Equipment storage and office trailers.

Dale Avenue Natural Gas Pipeline – Monitored active sections, from West Savoy Place (north) to West Ball Road (south) and from West Yale Avenue (north) to West Lincoln Avenue (south). Activities included trenching, pipe installation, and saw cutting concrete.

SCE:

Gen-Tie Line – Monitored excavation and construction on gen-tie line at Barre Substation.

Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

None

Nesting Bird Observations:

None

Other Biological Resources Observations:

• None

Other Observations/Comments:

• None

Items Requiring Action/Follow-up

No specific items requiring follow-up. Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Morning dove (Zenaida macroura), rock pigeon (Columba livia), American crow (Corvus brachyrhynchos), and house finch (Haemorhous mexicanus).



Location

Barre Substation – SCE Gen-Tie Line

Description

View east-southeast of excavation for SCE's Gen-Tie Line at the eastern edge of the Barre Substation.

Photo 2

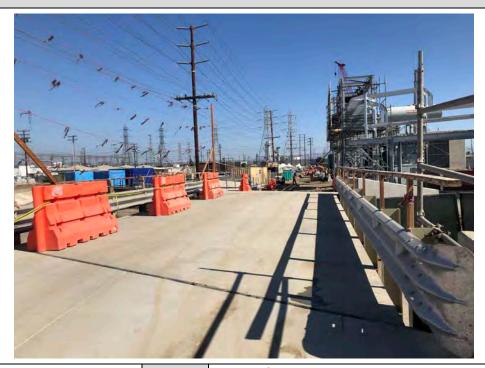


Location

Barre Substation – SCE Gen-Tie Line

Description

View east-southeast of construction for SCE's Gen-Tie Line at the eastern edge of the Barre Substation.



Location

SERC – Bridge Over Carbon Creek

Description

View east from Western SERC Parcel at vehicle bridge and ongoing infrastructure construction.

Photo 4



Location

SERC - Eastern Parcel

Description

View southeast from northwestern portion of the Eastern SERC parcel at ongoing infrastructure construction.



Location

SERC - Western Parcel

Description

View east from north portion of the Western SERC parcel at dust suppression efforts.

Photo 6



Location

SERC - Western Parcel

Description

View west from north portion of the Western SERC parcel at dust suppression efforts.



Location

Dale Avenue Gas Pipeline

Description

View south along Dale Avenue of south of West Savoy Place intersection of ongoing pipeline excavation.

Photo 8



Location

Dale Avenue Gas Pipeline

Description

View north-northwest along Dale Avenue at ongoing pipeline construction and installation.

Date Monitor						Time (Begin-End)
10/31/2019 Will Molland-Sir				l Molland-Simms		0615-1500
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
48 @0630	(0-5	0	Unlimited	Clear, winds increasing slightly throughout the day	

Location(s) of Work Site Activities Monitored

Work occurred today exclusively at the Barre substation.

0615- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foreman, Robert Dixon. Mr. Dixon advised that one new crew members needed training today and that crews would be working this Saturday, although no new crew members were anticipated for weekend work.

0630- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective. All excavations more than a foot deep had wooden ramps leading from the excavations or dirt berms allowing for potentially trapped wildlife to exit the trench.

0645- Mr. Dixon conducted a tailboard going over the work plan for the day and relevant safety concerns. He advised the crew would be continue excavating in multiple spots within the substation. And the main excavation area, the trench would be extended another two feet down, while at other areas initial excavations would take place going down approximately 3 feet. He also advised that haul trucks would be arriving on-site to drop off clean soil for the project. Mr. Dixon was reminded that all new excavations should be ramped or covered, and he advised ramps would be installed at the end of the day.

0700- A WEAP training was carried out for the one new crew member to the site.

0705- The crew began work for the day. At the main excavation site, an excavator was utilized to extract soil from the existing trench. The soil was placed outside of the work area before being removed from the site with a bobcat. The bobcat was also utilized to scrape away the top layer of gravel in areas where new excavations were to take place. Once the gravel was removed, a small excavator was utilized to excavate approximately 3 feet down. The crew worked in this manner throughout the day. Other SCE crews framed and otherwise worked with the electrical structures on the site.

0745- Project Manager, Travis Tolliver, was contacted to verify that delivery drivers were not required to attend WEAP training. Correspondence continued throughout the day with Mr. Tolliver regarding various issues.

0930- Mr. Molland-Simms installed the Prop 65 warning and a speed limit sign at the southern Dale St. entrance to the Barre substation as well as the Cerritos entrance to the site.

1100- The crews broke for lunch.

1200- The crew continued excavations. When enough area had been excavated at the main area the crew began framing and installing conduit in the excavation. Water was also applied to the ground to minimize dust impacts.

1455- The crew finished work for the day and began to pack up. Exit ramps were verified in the excavations and no compliance concerns were observed.

1500- Mr. Molland-Simms left the site for the day.

- Special-Status Species Observed: None
- Nesting Bird Observations: None
- Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting.
- Other Observations/Comments: None

Items Requiring Action/Follow-up

None

Wildlife Species Observed:

Eurasian collared dove, Black phoebe, house finch, Anna's (?) hummingbird, common raven, American crow, American kestrel, house sparrow, song sparrow, mourning dove, rock pigeon, northern mockingbird.



Location

Barre Substation

Description

Exit ramps observed in excavations prior to the start of work activities. Looking west.

Photo 2



Location

Barre Substation

Description

The crew utilizing a bobcat to scrape away gravel on top of areas to be excavated. Looking east.



Location

Barre Substation

Description

The crew excavating the main pit with other monitors present also. Looking south.

Photo 4



Location

Barre Substation

Description

The crew utilizing a small excavator to excavate soil in other areas of the substation. Looking north.



Location

Barre Substation, Cerritos St. Entrance.

Description

Prop 65 and speed limit sign installed at Cerritos entrance to Barre Substation. Looking south.

Photo 6



Location

Barre Substation

Description

Continued dirt moving and framing/conduit installations within the Barre Substation. Water is being added to minimize dust impacts.

Looking east.



Appendix B Wildlife Species List

Observed Wildlife Species List October 1 – October 31, 2019 Stanton Energy Reliability Center

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American coot	Fulica americana	//
American crow	Corvus brachyrhynchos	//
American kestrel	Falco sparverius	//
Anna's hummingbird	Calypte anna	//
Black phoebe	Sayornis nigricans	//
Common raven	Corvus corax	//
Eurasian collared dove	Streptopelia decaocto	//NP
European starling	Sturnus vulgaris	//NP
House finch	Haemorhous mexicanus	//
House sparrow	Passer domesticus	//NP
Killdeer	Charadrius vociferus	//
Lesser goldfinch	Spinus psaltria	//
Mourning dove	Zenaida macroura	//
Northern mockingbird	Mimus polyglottos	//
Red-tailed hawk	Buteo jamaicensis	//
Rock pigeon	Columba livia	//NP
Song sparrow	Melospiza melodia	//
Western kingbird	Tyrannus verticalis	//

Status Codes:

If status codes are not provided, the species is not a special-status species.

Federal:

FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range

FT = Federally listed Threatened: species likely to become endangered within the foreseeable future

BCC = Birds of Conservation Concern

State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

SSC = Species of Special Concern - Species of special concern to California Department of Fish and Wildlife (CDFW) due to declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.

S = Sensitive

WL = Watch List

SP = Special Animals List

Other

Bureau of Land Management (BLM), United States Department of Interior - Sensitive (S)

California Department of Forestry and Fire Protection (CDF) classifies "sensitive species" as those species that warrant special protection during timber operations.

United States Forest Service (USFS) - Sensitive (S)

NP = Not Protected (Introduced Species)



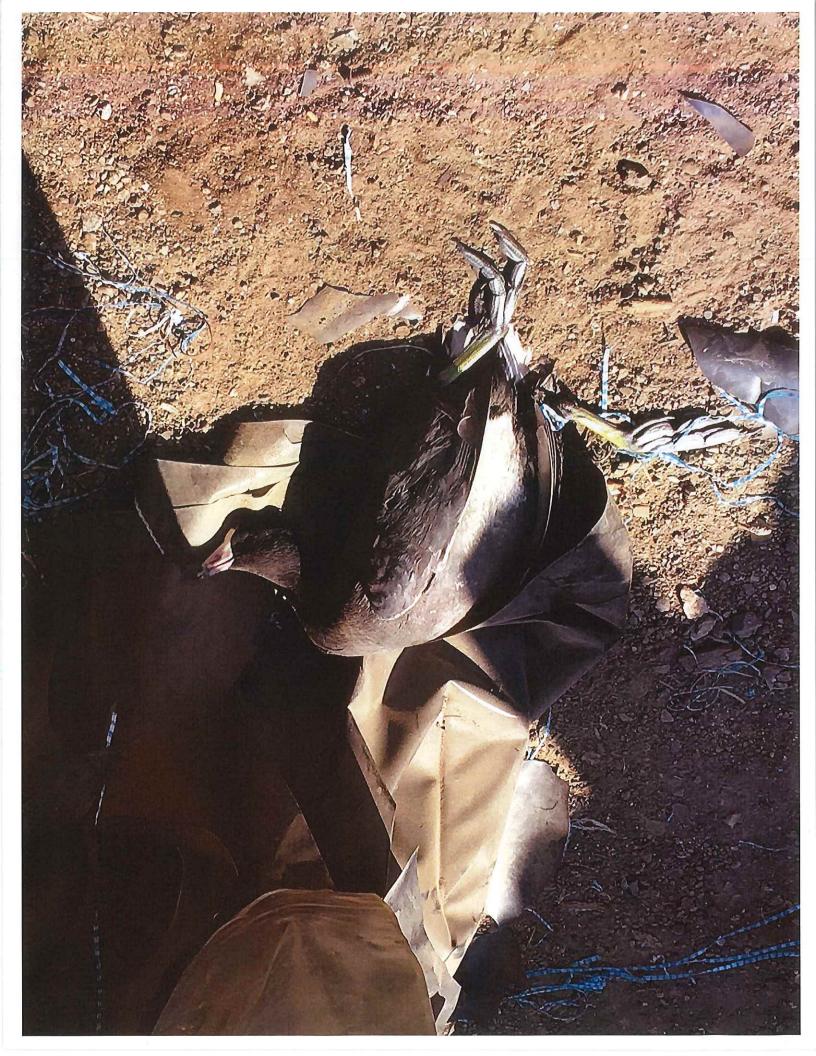
Appendix C Wildlife Observations Form

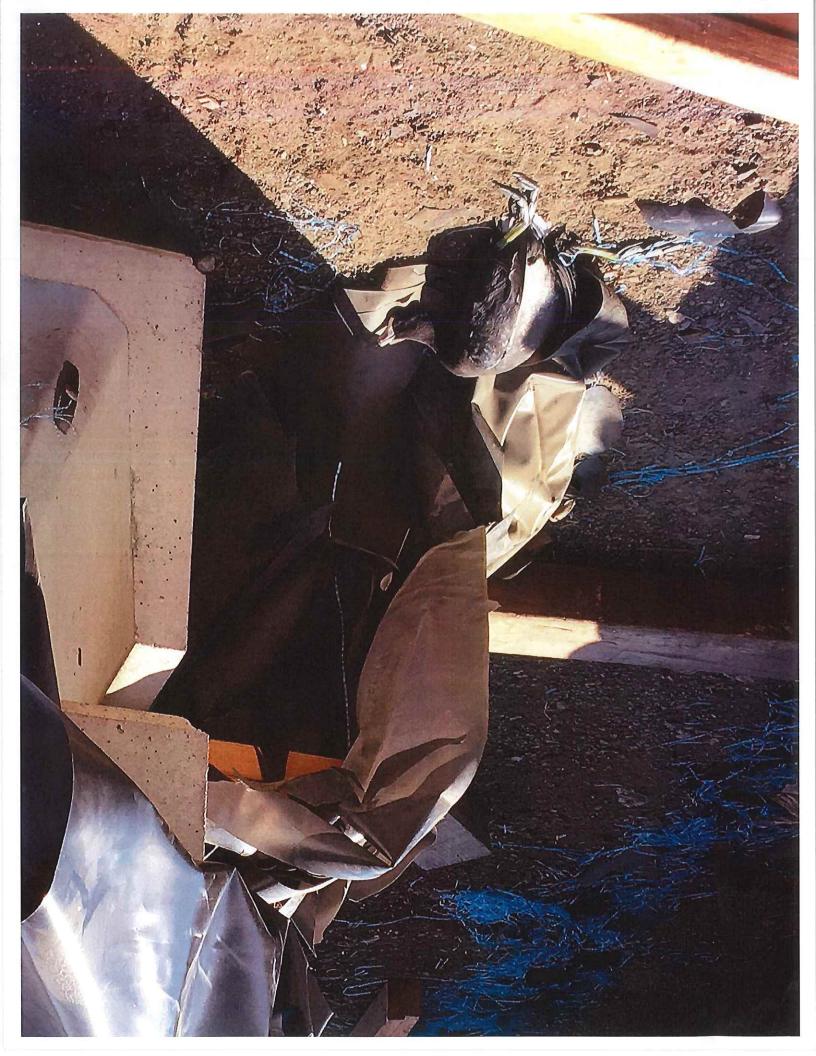
Stanton Energy Reliability Center (SERC) Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or ava.edens@jacobs.com. In the event the DB cannot be reached, please contact the Biological Monitor. After you have contacted the DB or Biological Monitor, please complete this "Wildlife Observation Form".

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Wildlife Species		Condition of Wildlife	(alive/dead)		
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Cause of injury or i	Mortality (Don't speculate, If un	known, enter "unknow	/o")		
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Current Location o	f Animal				
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Is the Biological I	Resource in Danger of Being	large stadle Basic	201 - 61 - 1 - 1		
Yes No	#23401 A 1990@886020108000 C668	Impacted by Projet	T OF Other Site Activi	ties?	
If Yes, Explain					
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Additional Comme		29 (1) (2) (1)			
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BRD species Found DEAD behind the Conex in the Electrician's Area. It was snelly so I Bagged it up + tossed it Into trash.







Appendix D WEAP Training Log

Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	David Alexahi	Deleawest	07.5	10/1/8
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3.	Tany Echeveria	NV5	Elocation	10/2/19
4.	Blake Bulino	Newtron	1 1 1 1 1 1	105/2/19
5.	FOXED CARCILLO	NEWTRON	Latte Class 41	103.19
6.	Marcos Fernandez	New	MY	10-3-19
7.	Phillip Fenteno	Newtoon	2017 Hay	10-3-2019
8.	Celia Macias	Allied Secondal	1991 Y	10-4-19
9.	BRUCE BOYER	NV 5	& Com	10-4-19
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Trainer: T. DRAPER Signature: ______ Date: 9/30/19

Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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No.	Employee Name	Company	Signature o	Date
1.	Dillon Griffin	ARB/PSC	Dellan J.	10.5
2.	CLEON PEEBLES	ARB/PSC		10.07.19
3.	James HollAND	ARB	Or Askeles	10-7-19
4.	Don Miller	MHPSIA	Alu nu	108-19
5.	Eric chace,	Newtron	1.18V	10-9-19
6.	Celestino Cervantes	Newtron	Chapled	10-9-19
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Trainer: T. DRAPER Signature: Date: 19/7/19

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No.	Employee Name	Company	Signature	Date
1.	Pertrick Senteno	Old Castle	17,00	10-14-19
2.	Luis Baywelos	0/8/637/2 .	Lew Barreles	10 1419
3.	TON TINUCE!	WRower	ON Muco	16-14-19
4.	Rafael Valdez	CMC	Thinks Viv	10-14-19
5.	Gustavo Benitas	Cmc	Cours	10-14-19
6.	MIEZOIDAI	E3 Cusidly	White Ca	10/15/15
7.	Redro Centruni	Brand 1	Pedro Curo	10/16/19
8.	Hugo Rosal-s	Frand	telestaraces	10.16:19
9.	Candido Vasever	L G115	612525	10-17-19
10.	Chris McKencie	GIS	Muly	10-17-19
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No.	Employee Name	Company	Signature	Date
1.	RICARDO AVILA	NEWTLOW	Pour all	10/22/19
2.	DENAND LUDYD	NEWTRON	Dell Cal	16-22-2010
3.	Michael S. Ft	ARB	Meley	10-23-19
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5.	Sean Moccissing	AEC.	41	10/23/19
6.	TIM GOOKIN!	AEC		10/28/19
7.	Jacob Romuro	AEC	Jul feel	10-24-19
8.	(MOON EACOLE	WELLHEAD CONSTILL		10/24/19
9.	MATTHEW DUMMER	WELLHEAD COURT	104	10/124/19
10.	Jorge Rodriguez WILLIAM SCHMITZ	New ten	2 mg	10/28/19
11.	WILLIAM SCHMITT	BSI TURBINES	JAMING.	12/25/19
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No.	Employee Name	Company	Signature /	Date ,
1.	HUMBERTO LOPEZ	ARB	Gonto Las	10/28/19
2.	OSCUV PUDILLE	ncution	11/19/10	10/30/19
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4.	JESUS LURREA	NEW TRON	Comment of the second	10/3//19
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No.	Employee Name	Company	Signature	Date
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	Employee Name Anthony Montes	Employee Name Anthony Montes S.F. PiPeline Anthony Montes	Anthony Montes S.E. PiPeline author muse

Trainer: ALAIN MEYER Signature: ella MK Date: 10/10/19

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No.	Employee Name	Company	Signature	Date
1.	John McDaniel	B:115	4	10-14-19
2.	PATRICK W. RISELEY	PALEO WEST	ROLL	14 oct 7019
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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No.	Employee Name	SC-PiPeline	Signature /	Date /
1.	Miguel Reza	SE-PIPPLINA	Mr. O Kens	10/18/K
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No.	Employee Name Joshua Radriguez	Company	Signature	Date
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No.	Employee Name	Company	Signature	Date
1.	Luis Octil	Techcocc	Jin Osta	10/25/19
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Date: 10 /25/19

Trainer: ALAIN MEYER

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No.	Employee Name	Company	Signature	Date
1.	Joshua Radiquez	SE Pileline	Jan	012814
2.	Ruben Camacho	SE Pipeline	Miero	10/28/10
3.	Cysthic Morales	Pake-west	Month Chila	10.28.19
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No.	Employee Name	SE PIPELINE SE PIPELINE	Signature	Date /
1.	Nikos Twevaardt	SE PIPELINE	77-3-776	10/2/10
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Date: 10/3/19

Trainer: ALAIN MEYER

Certification of Completion Worker Environmental Awareness Program STANTON ENERGY CENTER (16-AFC-01)

This is to certify these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP). The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials. Include this completed form in the Monthly Compliance Report.

No.	Employee Name	Title/Company	Signature
1.	ROBERT DIRON	6 DEKING FOREM	
2.	FEELANDO HEENANDEZ		1/14/
3.	JOSE J. VALLE	S.C.F.	THE ME
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June 2018

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GEOLOGY AND PALEONTOLOGY

Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature a	Date
1.	TIM STEVESON	SE	001	1012/119
2.	ANTAL FUZEKAS	SCL	anda sources	10/3/19
3.	MUNICH NEWTON	ERM	INOR!	194/19
4.	Sean Ayeock	SCE	Sin & annik	10/21/19
5.	Dand Flores	SIF	Bulle	10/01/19
6.	Paniel Nolan	Pake Solutions	ouse now	10/21/19
7.	mayon bender	Paro Solutions	Morga Sem	10/21/19
8.	Hendork Moroles	Sco	Dest)	10/2/19
9.	Wayne KAH	SCE	WMM 470	10/21/19
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11.	Dezward Coffet	SCE	A Service	10/3/19
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13.	James Greenler	R.I. Allen	1	w/21/19
14.	Patrick Dunbeary	S.C.E.	Fatur Dulas	10/21/19
15.	JOSE J. VALLE	S.C.E.	My ou	10-21-19
16.	Jasen Grumb	SUÉ	Mars coas a 1	10-21-19
17.	LUIS J Hunde	SCE	Sing black	1021-191
18.	Robert Warmen	RUAUen	negget 1	102119
19.	ISRIAN HERRATO	RJ ALLEN	Ben Just	10-21-19
20.	RAUL CHYANG	SCE	Hand Chan	10.21.19
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Trainer: Will Molling Signature:

_Date: 10 12/12019



Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name Liz Denniston	Company Paleo Solutions	Signature	Date
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
1.	July Poor Mallet	SCE	July D	10-22-19
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

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Trainer: Will Molland Sim Signature: Date: 10/31/2019

Attachment 5 – CIVIL

Attachment 5 has been deliberately left blank in this reporting period

Attachment 6 – Cultural Resources



Cultural Resources Monitoring Activities Monthly Compliance Report for the Stanton Energy Reliability Center Project (16-AFC-1C) October 2019

Prepared For: John Heiser/California Energy Commission

Tim Bofman/SERC, LLC

Copies: Sharon Stureman, SERC, LLC

Doug Davy/Jacobs Karen Parker/Jacobs Phil Reid, CRS/Jacobs

Prepared By: Gloriella Cardenas, Alternate CRS / PaleoWest

Reporting For Period: October 2019

This October 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from October 1 through October 31, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in October included a structure 4A box vault excavation in Parcel 1 of the SERC Plant and the off-site Southern California Gas (SoCalGas) pipeline. The MCR is prepared in accordance with the current (November 2018) Cultural Resources Mitigation and Monitoring Plan (CRMMP) and as required by California Energy Commission license Condition of Certification CUL-6.

An additional work component is being conducted by Southern California Edison with cultural resources monitors from Paleo Solutions. This work consists of footings and trenching for duct bank installation to complete the tie in from the SERC plant to the Barre Substation and the wider electrical grid.

SERC Plant Site and SoCalGas Pipeline

Personnel Active in Monitoring This Period

Cultural Resources Specialist (CRS) Phillip Reid, Alternate CRSs Gloriella Cardenas and Natalie Lawson, as well as Cultural Resources Monitors (CRMs) Ryan Rolston, Gena Granger, Jennifer McElhoes, Cynthia Morales, and John McDermott monitored the SERC plant site and SoCalGas pipeline during this reporting period.

Native American Monitors (NAM) for this reporting period were Robert Dorame and Dylon Houston.



TABLE 1
Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
10/01/19	5	2
10/02/19	5	2
10/3/19	5	2
10/4/19	4	1
10/7/19	4	1
10/8/19	4	1
10/9/19	4	1
10/10/19	4	1
10/11/19	4	1
10/14/19	4	1
10/15/19	4	1
10/16/19	4	1
10/17/19	4	1
10/18/19	4	1
10/21/19	4	1
10/22/19	4	1
10/23/19	4	1
10/24/19	4	1
10/25/19	4	1
10/28/19	4	1
10/29/19	4	1
10/30/19	4	1
10/31/19	4	1
Total CRM/NAM-Days	95	26

Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Tuesday, October 1, 2019. Activities monitored included trench excavations for the gas pipeline and hand excavated potholing for utility location. Work occurred in various locations within stations 2+50 to 94+70, 100+00, 144+00, and 144+50 along Dale Avenue and extended up to 9 ft below the current street surface. Additionally, excavations of a structure 4A vault box for a storm drain took place in the SERC plant, Parcel 1.

Native sediments were observed at various pipeline trench stations at approximately 2 ft to 8 ft below the surface of the asphalt. Observed sediments were loosely compacted to

uncompacted light brown sands with small, sparse angular inclusions. The sidewalls were prone to collapse and much of the pipeline trench was shored with wood plating.

Cultural Resources Discoveries This Period

A historic trash deposit was discovered on October 15, 2019 along the gas line route. On October 16, 2019, the site was formally recorded as Temporary Site Number SERC S-2-19 and evaluated by the Alternate CRS, Natalie Lawson.

This site is a small subsurface refuse scatter which consists of household items, including 1 glass Listerine bottle, 1 bottle base, 1 small cut bone fragment, 4 nails, 4 brown glass fragments, 128 clear glass fragments, 31 undifferentiated metal pieces, fragment of a bottle base, mouth and neck fragment, bottle mouth and neck with part of a shoulder, bottle base fragment with a maker's mark, part of a light bulb, square bottle base, part of a label is visible, 2 wire nails. Temporally diagnostic items date between 1919 and 1933.

NRHP eligibility recommendations were that the find is not eligible under any criteria and is not a unique resource under CEQA. The full evaluation is provided in the site record.

Comments by the CEC for the DPR were recently received. The DPR with comments and edits addressed, will be submitted as an addendum to this report.

Southern California Edison Work - SERC Tie-In to Barre Substation

SCE contractor Paleo Solutions is conducting cultural resources monitoring of the SERC tie in to the Barre Substation for SCE. Personnel active during this reporting period were Liz Denniston and Morgan Bender.

NAM for this reporting period was Robert Dorame.

Ground disturbing activities subject to cultural monitoring commenced October 21, 2019 and consisted of drilling for bases and I-Beams and trenching for piping.

Date	CRMs	NAMs
10/21/19	1	1
10/22/19	2	1
10/23/19	No ground disturbance	No ground disturbance
10/24/19	1	1
10/25/19	No ground disturbance	No ground disturbance
10/28/19	1	1
10/29/19	No ground disturbance	No ground disturbance
10/30/19	No ground disturbance	No ground disturbance
10/31/19	1	1
Total CRM/NAM-Days	6	5



No cultural resources were discovered as a result of this work.

Fulfillment Requirements of Each Cultural Resource Mitigation Measure

Table 2 describes the fulfillment requirements of each cultural resources mitigation measure (Condition of Certification) and lists the state of compliance with the measure. For complete text of the measures, please see the Commission Decision.

TABLE 2
Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
CUL-1: Appointment and Qualifications of Cultural Resources Personnel	Owner must appoint a designated Cultural Resources Specialist (CRS) and Alternate CRSs. CRS will manage monitoring and reporting and make recommendations regarding eligibility of finds for California Register of Historical Resources CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs) CRS may obtain services of additional technical specialists as needed.	In compliance Owner has appointed CRS and Alternate CRS. CRS is directing monitoring. CRS has obtained services of CRMs and NAMs No additional technical specialists have been required
CUL-2: Information to be Provided to CRS	Owner must provide CRS with project information including the Application for Certification, cultural resources reports, data request responses, Final Staff Assessment, and Commission Decision, and project designs and maps. Owner must provide CRS with a weekly construction schedule Owner must notify CRS of any changes to construction phases.	In compliance Owner has provided CRS with project information and maps Owner provides three-week lookahead schedule weekly There have been no changes to the construction phases.
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.	In compliance The CRMMP has been prepared and approved by the CPM
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	Not applicable – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	The CRS must prepare a WEAP training module and brochure describing the potential for cultural resources discovery, procedures to follow in case of emergency discovery, and penalties for noncompliance. All workers must receive the training during their first week on on-site employment and must sign a sheet documenting that they have received the training	In compliance All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).
CUL-6: Cultural Resources Monitoring	The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils.	In compliance • The CRS or CRM has monitored



TABLE 2
Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
	 The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments. CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS. The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs. The CRS must report incidents of non-compliance with LORS 	ground disturbance. A NAM monitored ground disturbance The CRS has submitted the daily field reports The CRS has prepared this Monthly Compliance Report There have been no incidents of non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	 The CRS has authority to halt construction in the event of a cultural resource find The CRS or CRM must record the find on Form DPR-523 and notify the CPM If human remains are found, the CRS must notify the Native American Heritage Commission. If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification. 	In compliance No cultural resources have been found No human remains have been found No finds of interest to Native Americans have been made
CUL-8: Fill Soils	If the project will use fill from a non-commercial borrow site or deposit sediments in a non-commercial fill site, the CRS must conduct a pre-construction cultural resources survey of the site.	No new sources of non-commercial fill or disposal were identified for use this month.

WEAP Training This Period

All on-site staff received cultural resources Worker Environmental Awareness Program (WEAP) training prior to starting work on site this month. From October 1 to 31, 2019, a total of 96 persons completed the SERC WEAP training. The hard copy training logs for the October 2019 reporting period are included in the Biological Resources Monthly Compliance Report.

Anticipated Changes in the Next Period

Pipeline trench excavations and potholing for utilities is expected to continue. Additionally, limited work at the SERC plant site is proposed along the storm sewer system in November. Work by SCE at the Barre Substation will also continue in November. CRMs will be onsite to monitor excavations with the potential to impact native soils and to respond to discoveries if they occur.

Comments, Issues or Concerns

None.

Attachment 7 - Paleontology

Monthly Report of Paleontological Resources Monitoring Activities for the Stanton Energy Reliability Center Condition of Certification PAL-6 October 2019

Prepared For: Doug Davy, Jacobs

Karen Parker, Jacobs

Prepared By: Niranjala Kottachchi, Paleontological Resources Specialist

This report covers paleontological resources monitoring activities at the Stanton Energy Reliability Center Project (Project) for the month of October 2019, as required by California Energy Commission license Condition of Certification PAL-6.

Personnel Active in Paleontological Monitoring This Period

Tara Redinger was the primary Paleontological Resources Monitor (PRM) for this month. Additional paleontological monitors on site during this reporting period included David Alexander and Patrick Riseley, and PRS, Niranjala Kottachchi.

Pipeline construction by SoCal Gas requiring paleontological monitoring continued throughout the month of October. Trenching crews worked at different locations along Dale Avenue. These locations or stations are presented in Table 1 below week by week. The presence of unconsolidated native sands in the trench required shoring during most of the month, thus slowing down excavations. In addition to SoCal Gas trenching activities, minor excavations took place in Parcel 1, but paleontological monitoring was halted at the discretion of the PRS due to presence of only base material. Southern California Edison (SCE) began excavations near the end of the month at the Barre substation. Paleontological monitoring was conducted by Daniel Nolan of PaleoSolutions. These activities are incorporated in the table below.

Paleontological Resources Discoveries This Period

No paleontological resources were discovered during the month of October 2019.

Anticipated Work and/or Changes in the Next Period

Excavations for the pipeline by SoCal Gas and SCE excavations at the substation will continue in November. In addition, ARB will resume excavations at the main plant facility.

Comments, Issues or Concerns

None to report.

Table 1. Monitoring and Associated Activities This Period

				Paleontological
Week	Station #	Activity	Stratigraphy	Resources
1	3+70 to 4+00, 2+80, 35+50 to 37+90, 86+00, 2+50 to 2+70, 37+37 to 38+25, 36+00 to 41+50, 38+19 to 38+80, 37+50 to 42+00, 36+90 to 37+25	Trenching for gas line 4 feet wide to a maximum depth of 7 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 1-2 feet of disturbed sediment, have unconsolidated, native Holocene mediumgrained, beige, sugary sands down to the base of the trench. Shoring continued to be required as it did during September	No paleontological resources were observed
	Parcel 1	Excavations of 4 feet x 4 feet area down to a depth of 5 feet	All sediment was fill with approximately 8 inches of native sands at the base	No paleontological resources were observed
2	39+50 to 40+00, 41+75 to 42+10, 40+40 to 41+50, 39+00 to 39+80, 39+80 to 40+40, 41+80 to 43+90, 63+50 to 65+50, 63+90 to 65+50, 67+50 to 69+00, 43+90 to 45+65, 69+00 to 70+50, 67+40 to 68+10, 45+65 to 46+30, 46+42 to 46+75, 66+75 to 67+00	Trenching for gas line 4 feet wide to a maximum depth of 6 feet to 9 feet at all locations	Below 6-10 inches of asphalt and 1-2 feet of disturbed sediment, have unconsolidated, native Holocene mediumgrained, beige, sugary sands down to the base of the trench Only at 38+10 did the unconsolidated sugary sands become slightly more silt and clay rich with depth At 43+90 to 45+65, 45+65 to 46+30, 69+00 to 70+50 and 67+40 to 68+10, fill increased to a depth of 41/2 feet. At the latter two stations, sediment is a finegrained silty sand below the fill	No paleontological resources were observed

Week	Station #	Activity	Stratigraphy	Paleontological Resources
3	70+50 to 72+15, 67+00 to 67+80, 47+00 to 48+00, 47+50 to 49+00, 67+80 to 72+15, 73+60 to 73+65, 74+20 to 74+40, 75+25 to 76+77, 49+40 to 50+90, 47+00 to 48+00, 50+80 to 51+50, 77+10 to 78+50	Trenching for gas line 4 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Upper 5-7 feet was composed of fill. Below the fill, had native, Holocene, fine to medium sugary sands	No paleontological resources were observed
4	Southern California Edison (east side of Barre substation)	Area of 7 feet x 4 feet x 16 feet was excavated removing foundation. Additional areas 5 feet x 5 feet x 10 feet were also excavated for foundation bases	Native Holocene sediment was exposed consisting of dark brown, moderately compacted, medium to very fine- grained sands, silts and clays	No paleontological resources were observed
	78+50 to 79+40, 81+00 to 82+00, 79+40 to 79+60, 83+20, 82+00 to 83+50, 83+40 to 84+40, 83+30 to 84+00, 86+40 to 87+00	Trenching for gas line 4 feet wide to a maximum depth of 7 to 8 feet at all locations	Below the 6-10 inches of asphalt and 1-2 feet of disturbed sediment, have native, Holocene, unconsolidated sugary sands down to the base of the trench Sediment at 82+00 was a dark silty mud mixed with sand down to a depth of 6 feet	No paleontological resources were observed
	Dale at Standustrial Street	Excavations for HDD entrance 12 feet x 6 feet x 15 feet	Upper 3 feet consisted of silty sand fill material mixed with brick material. Below the fill, have native silts and sands to a depth	No paleontological resources were observed

Week	Station #	Activity	Stratigraphy	Paleontological Resources
			of 5 feet. Below this, have organic-rich clays, Sediment becomes silty to sands thereafter down to the base of the trench	
5	Dale at Standustrial Street	Excavations for HDD continued 40 feet x 6 feet x 15 feet, Additional area was excavated south of Dale and Standustrial 10 feet x 15 feet x 15 feet	Upper 3 feet consisted of silty sand fill material mixed with brick material. Below the fill, have native silts and sands to a depth of 5 feet. Below this, have organic-rich clays, Sediment becomes silty to sands thereafter down to the base of the trench	No paleontological resources were observed
	85+35 to 86+05, 88+00 to 89+50, 86+05 to 86+40, 88+30 to 88+60, 90+70 to 91+00, 91+00 to 93+15, 88+65 to 88+75, 89+05 to 89+15, 91+00 to 91+56, 89+80 to 90+05	Trenching for gas line 4 feet wide to a maximum depth of 7 feet to 9 feet at all locations	Below the 6-10 inches of asphalt and 1-2 feet of disturbed sediment, have native, Holocene, unconsolidated sugary sands down to the base of the trench	No paleontological resources were observed
	Southern California Edison (east side of Barre substation)	Area of 10 feet x 4-10 feet x 2-7 feet was excavated for pipeline trench	Native Holocene sediment was exposed at 2 feet below the surface consisting of dark brown, moderately compacted, medium to very fine- grained sands, silts and clays	No paleontological resources were observed



Project Name: Stanton energy reliability project	Date: 10/1/2019 8:34:17 AM
Project Location: South of La Palma on Dale	Weather: Clear skies, 60 degrees
Monitor(s): tredinger	-
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast	Contact(s): Dannv
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
South of La Palma on Dale ave. Starting at station 3+70. To 4+	00
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Trenching down to maximum 7 ft depth for pipe instillation. I was southward from station number 3+70. They had less than 15 ft They then moved over to 2+80 to finish removing sediment from Thursday last week. In that location they dug down to 9.5 ft depth whole area around the sewage pipe.	atched the crew start digging at 8:30. They trenches to connect with previously dug trenches at 4+00. m around the sewage pipe they uncovered on
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
At station 3+70 The fill layer stayed shallow, only going down to sediments continued as massively bedded medium to fine san continued to maximum exposed depths at 7 ft. It was soft and	nd that was light tan to white in color. This sediment
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Today I monitored along side the archeology monitor Jennifer	mcelhoes
Plan for tomorrow: Finish up around the sewage trench then backfill.	
Attachments (Y/N): X Yes No	
Photograph Record: 10/1/2019 11:09:16 AM	

10/1/2019 11:36:02 AM 10/1/2019 1:55:46 PM

South, start of trenching at 3+70



North, fixing the trench around the 5.5 ft deep sewage pipe.



North, 9 ft depth trench under sewage pipe crossing.



Project Name: Stanton Energy Reliability Center	Date: 10/1/2019 8:58:44 AM			
Project Location: Anaheim, CA	Weather: 63F some clouds, breezy			
Monitor(s): nkottachchi	osi some clouds, breezy			
Work Start Time: 07:00	Work End Time: 15:30			
Construction Company: Southeast pipeline	Contact(s): Robert			
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No			
Was the Safety Briefing Attended/Signed:	x Yes No			
Project Description:				
Between Crescent Ave and Lincoln Ave Station 35+50 to 37+9	0			
Scope of Construction Work Monitored/Equipment Used:				
420F mini excavators (2)				
Monitoring Methods (spot check, screening, bulk, sample Both excavators were operating between Crescent Ave and Lincoln and within 500 feet of each other. Approximate Dimensions of Construction Area Monitored	ncoln Ave. Both were trenching in the direction of			
••	Jourvey Alea.			
Geologic Unit(s) Observed:				
Excavations at both sites are down to a depth of approximately have medium-grained, sugary, beige, clean sands throughout.	•			
Lithologic Description(s):				
Observations of Paleontological Resources:				
No paleontological resources were discovered				
Additional Comments:				
Plan for tomorrow: Continue excavations				
Attachments (Y/N): X Yes No				
Photograph Record:				
10/1/2019 9:24:32 AM				

10/1/2019 10:17:23 AM



Trenching by crew near orthodox church



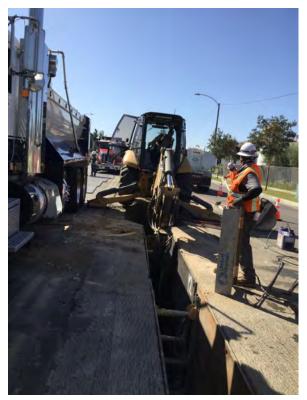
Medium sands within the trench; approximately 9 feet deep



Project Name: Stanton Energy Reliability Center	Date: 10/1/2019 12:09:24 PM
Project Location: Fern and Pacific Parcel 1 Monitor(s): ggranger	Weather: Partly cloudy
Work Start Time: 6:30am	Work End Time: 3:00pm
Construction Company: ARB	Contact(s): Mike Seckinaton
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description: Parcel 1	
Scope of Construction Work Monitored/Equipment Used: Mini excavator	
Monitoring Methods (spot check, screening, bulk, sample Monitoring mini excavator trenching primarily in base(fill). Excainches of native sands about 5 feet deep.	· ,
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were observed	
Additional Comments: This is David Alexander monitoring for Paleontological resources.	ces
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): ☐ Yes ☒ No	
Photograph Record:	



Project Name: Stanton Energy Reliability Center	Date: 10/2/2019 6:40:11 AM
Project Location: Anaheim, CA	Weather: Cool, clear skies 56F
Monitor(s): nkottachchi	Cool, cledi skies sor
Work Start Time: 07:00	Work End Time: 12:00
Construction Company: Southeast pipeline	Contact(s): Robert
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Between Crescent Ave and Lincoln Ave	
Scope of Construction Work Monitored/Equipment Used:	
420F mini excavators (2)	
Monitoring Methods (spot check, screening, bulk, sample One mini excavator continued trenching from station 86+00 to +90. Remainder of road towards Lincoln Ave was being stripped to the continued of Construction Area Manitore	the next excavator which was starting at Station 37 ed of pavement.
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Excavations at both sites are down to a depth of approximatel have medium-grained, sugary, beige, clean sands throughout	•
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered today	
Additional Comments:	
Plan for tomorrow: Continue with trenching	
Attachments (Y/N): X Yes No	
Photograph Record:	
10/2/2019 10:30:34 AM	

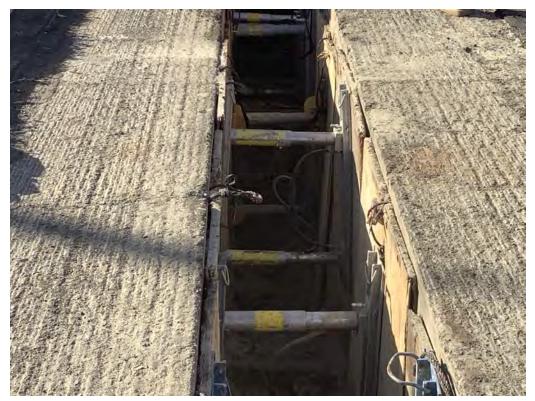


Excavations for gas line



Project Name: Stanton energy reliability project	Date: 10/2/2019 9:01:37 AM
Project Location: South of La Palma on Dale Monitor(s): tredinger	Weather: Clear, cool 60 degrees
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast	Contact(s): Robert
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
South of La Palma on Dale ave. Station 2+50	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Today they started he day by continuing to clean up and excavalit last week. They worked in the area between stations 2+50 adepth. Hey went to station 41+60 after they finished and started started digging by the end of the day.	vate down to 9 ft around the sewer pipe crossing the and 2+70. They are excavating down to about 9.5 ft
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
At station 3+70 The fill layer stayed shallow, only going down sediments continued as massively bedded medium to fine sar continued to maximum exposed depths at 7 ft. It was soft and	nd that was light tan to white in color. This sediment
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Watched the southeast crew with Jennifer.	
Plan for tomorrow: Start digging at 41+60 southward	
Attachments (Y/N): X Yes No	
Photograph Record:	
10/2/2019 9:03:01 AM	

10/2/2019 1:11:11 PM



South, location for start of day cleaning around sewer pipe crossing at 2+50.

South, Finished trench by the sewer pipe (green).



Project Name: Santon Energy Reliability	Date: 10/2/2019 1:16:41 PM
Project Location: Dale and Fern and 405 Monitor(s): tredinger	Weather: Clear and sunny warm
Work Start Time: 0630	Work End Time: 3:00
Construction Company: ARB and SE	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	x Yes No
Project Description:	
Stanton energy a. Plant at Fern and Pacific and pipeline at 405	Dale
Scope of Construction Work Monitored/Equipment Used: Mini excavator and 2 back hoes	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for Paleontological resources. trenching in old fill (base). At 1100 wen to 405 Dale st and more	O630 attended plant safety meeting, then monitored
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Station #37+37- 38+25 clay sewer pipe at 37+98 4'9" deep.	Also at station 36+00-36+50
Lithologic Description(s):	
Observations of Paleontological Resources:	
Additional Comments: This is David Alexander monitoring for Paleo not tredinger.	
Plan for tomorrow: Monitor as needed	
Attachments (Y/N):	
Photograph Record:	



Project Name.	Stanton e	energy reliability station	Date. 10/3/20	19 8:54:21 AM
Project Location: Monitor(s): tredi	On E	Dale between crescent	Weather: Clear, cool	
Work Start Time:	7:00		Work End Time	e: 3:30
Construction Com	ipany:	Southeast pipeline	Contact(s):	Robert
Did the (sub)cont	ractors w	ork more than 8 hours (Y/N)?	☐ Ye	s X No
Was the Safety B	riefing At	tended/Signed:	x Ye	s No
Project Descriptio	n:			
On Dale between c	rescent ar	nd Yale. Stations 36+00 through	41+50	
Scope of Constru 4 backhoes	ction Wo	rk Monitored/Equipment Used	l:	
After the 7:00 tailbothoes, only two of w backhoes were renthroughout he day	oard we wonderd which were noving asp since we we	e digging. The two hat were diggi ohalt at 39+00 and 41+50 and m	I close up Dale and ng started at 38+20 oving equipment. En crew at the far s	d begin digging. They had 4 back 0; and 36+15. the other two David and I switched places outh end started digging at 11:00 at
Approximate Dim	ensions	of Construction Area Monitore	ed/Survey Area:	
Geologic Unit(s)	Observed	i:		
above 2 to 3 ft was the trench. Below t	reburied the fill the r. This sec	sand. At 41+00 the fill started go native sediments continued as n diment continued to maximum ex	ing down deep, up nassively bedded n	dy. (Sugar sand) even the fill layer to 5 ft where utility pipes crossed nedium to fine sand that was light ft. It was soft and did not hold
Lithologic Descri	ption(s):			
Observations of I	Paleontol	logical Resources:		
None				
Additional Comments:				
Tara redinger comp	olete this [Daly log.		
Plan for tomorrow	v:			
Attachments (Y/N	l):	X Yes No		
Photograph Reco	rd:			
40/0/0040 0 00	40 484			

10/3/2019 9:02:13 AM 10/3/2019 11:06:29 AM 10/3/2019 2:12:16 PM



North, overviewed of work on dale



South, Southernmost crew began excavating at 41+00 at 11:00.



East, sidewall at 41+50



Project Name: Stanton energy reliability project	Date: 10/3/2019 12:32:41 PM
Project Location: Dale ave Buena park Monitor(s): tredinger	Weather: Clear, sunny and warm.
Work Start Time: 0700	Work End Time: 3:30
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station numbers 36+50 to 36+90 and 38+19 to 38+80	
Scope of Construction Work Monitored/Equipment Used: 2 backhoes	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontoloical resources. T	
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered	
Additional Comments: This is Paleontologist David Alexander	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): Yes X No	
Photograph Record:	



Stanton energy reliability station	Date: 10/4/2019 9:27:51 AM
Project Location: On Dale between crescent Monitor(s): tredinger	Weather: Clear and cool In the morning
Work Start Time: 7:00	Work End Time: 1:00
Construction Company: Southeast pipeline	Contact(s): Richard
Oid the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
On Dale between crescent and vale 3 machines between station	ons 37+50 and 42+00.
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Today I attended the tailboard at 7:00 then digging on Dale sta 37+50 and 38+75. Both crews dug down to a maximum 10 ft. I and the crew that started at 38+75 stopped at 39+10.	arted at 9:00. The initially had two backhoes digging at
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Native sediments below the fill (4 ft deep) consists of of massi sand. The sand is well sounded and is made up of mostly qua	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Tara redinger completed this log	
Plan for tomorrow: Continue my bing southward on Dale with three back hoes	
Attachments (Y/N): X Yes No	
Photograph Record:	
10/4/2019 9:56:53 AM	
10/4/2019 1:32:59 PM	



South, start of excavation process at 37+70. Laborers were hand digging around some electrical and wate pipes



South, Steve 2 crew excavating around a Sewer pipe. Collapsing sand required wetting with water while digging (38+00).



Project Name: Stanton energy reliability	Date: 10/4/2019 11:41:12 AM
Project Location: 405 Dale Buena Park	Weather: Clear and sunny
Monitor(s): tredinger Work Start Time: 0700	Work End Time: 1:00
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Stations 36+90-37+25	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontologial resources.	e collecting, etc):
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered	
Additional Comments: This is PALEONTOLOGIST David Alexander	
Plan for tomorrow: Monitoring Monday	
Attachments (Y/N): Yes X No	
Photograph Record:	



Project Name:	Stanton e	nergy reliability station	Date: 10/7/2019 9:08:06 AM
Project Location:	On D	ale between Yale and	Weather:
Monitor(s): tredin	nger		Warm, clear skies
Work Start Time:	7:00		Work End Time: 3:30
Construction Com	pany:	Southeast pipeline	Contact(s): Robert
Did the (sub)contra	actors wo	ork more than 8 hours (Y/N	N)? Yes X No
Was the Safety Br	iefing Att	ended/Signed:	x Yes No
Project Description	n:		
On Dale between Ya and broadway (64+5		escent. (Station 39+50 to 40	+00; station 41+75 to 42+10) and on Yale between Tola
Scope of Construct Backhoe	ction Wor	k Monitored/Equipment U	sed:
They were continuir waited for the 3rd cr 64+50 without us th	ng to trend rew to get ere, but w	th between 39+50 and 41+50 started on Dale between To e got there after they had du	ntinued trenching on Dale ave between crescent and Yale. 0 with two backhoes. David and I switched off while we all and Broadway. They started potholing for water pies at ug for 10 minutes and told them we had to be present for ared them continue potholing from 11:00 onward. The
Approximate Dime	ensions o	of Construction Area Moni	tored/Survey Area:
Geologic Unit(s)	bserved	:	
crossed the trench medium to fine sand	at 41+00 a d that was d not hold	at 4 ft depth. Below the fill the light tan to white in color. The together well during excava	ile in this segment except right above the sewer line that e native sediments continued as massively bedded his sediment continued to maximum exposed depths at 7 ation, the sand down where the 3rd crew was digging was
Lithologic Descrip	otion(s):		
Observations of P	aleontolo	ogical Resources:	
None			
Additional Comme I started the day sw only monitored that	itching off		3rd crew started working so I went down with Jennifer and
Plan for tomorrow Continued trenching		rd on Dale with 3 machines	from where they left off.
Attachments (Y/N):	Yes No	

Photograph Record: 10/7/2019 9:21:17 AM 10/7/2019 11:31:32 AM



South, installing bracers after continuing trenching at 39+50



North, potholed area that was not monitored due to poor communication. (64+50)



South, pothole (2 ft deep) at 64+75 where they were looking for signal electrical lines,



Stanton energy	Date. 10///2019 12:59:15 PM
Project Location: 405 Dale Ave Buena Park Monitor(s): dalexander	Weather: Clear,sunny hot
Work Start Time: 0700	Work End Time: 330
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
St #40+40 to 41+50 and 39+00 to 39+80	
Scope of Construction Work Monitored/Equipment Used: 2 backhoes	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for Paleontological resources.	•
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N):	
Photograph Record:	



Project Name: Stanton energy reliability	Date: 10/8/2019 8:35:17 AM
Project Location: 317 Dale Ave. Buena Park Monitor(s): dalexander	Weather: Foggy to clear sunny and warm
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description: Station numbers 39+80 to 40+40 And 41+80 to 43+90	
Scope of Construction Work Monitored/Equipment Used: 2 back hoes	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources.	• • •
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N):	
Photograph Record:	



Stanton energy reliability center	Date: 10/8/2019 8:55:24 AM
Project Location: On Dale ave between Monitor(s): tredinger Work Start Time: 7:00	Weather: Overcast, cool 64 in morning. Clear and hot in afternoon. Work End Time: 3:30
Construction Company: Southeast pipeline	Contact(s): Robert foreman
Oid the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
On Dale ave between Broadway and tola (63+50 to 65+50)	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample After attending the tailboard at 7:00 I joined Danny's crew to metarted at the southern end of the HDD trench and spent a half the backhoe. The trench is only going to a maximum 7 ft for the	nonitor excavation from 63+50 southward. They four cleaning that section out before continuing with
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed: Below the fill the native sediments continued as massively becolor. This sediment continued to maximum exposed depths a excavation,	_
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Monitored with Jennifer all day	
Plan for tomorrow: Continue to move southward along Dale with 3 machines	
Attachments (Y/N): X Yes No	
Photograph Record: 10/8/2019 9:03:18 AM	



North, start of day cleaning out the HDD southern trench with the backhoe.



Project Name: Stanton energy reliability station	Date: 10/9/2019 6:39:32 AM
Project Location: On Dale ave between	Weather: Partially cloudy.
Monitor(s): tredinger Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast pipeline	Contact(s): Richard 1 foreman
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
On Dale ave between Broadway and tola (63+90 to 65+50) and	d 67+50 to 69+00)
Scope of Construction Work Monitored/Equipment Used:	
Backhoe	
Today after the tailboard I went to Dale and broadway to monit 64+70 at 9:00 and went down a maximum 6.0 ft. By the end of also started potholing with shovels at 67+00 to look for sewer a electric gas main). Later in the day Steve (operator started trenday at 68+80 completing 40 ft of trench. Approximate Dimensions of Construction Area Monitoree	the day they had completed 100 ft of trench. They and other utilities up to 5 ft. (Water main fiber optic, the nation of the maximum 7 ft at 68+10. They finished the
Geologic Unit(s) Observed:	•
At 36+75 Below the fill the native sediments continued as mas to white in color. This sediment continued to maximum expose well during excavation, At 38+10 the sand below the fill section color. It contains more silt and clay compared to the sediment	ed depths at 7 ft. It was soft and did not hold together n starts at about 4 ft dep5 and is a medium tan browi
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Jacobs bio stopped by. I monitored with two crews.	
Plan for tomorrow: Continue moving south at Dale and broadway.	
Attachments (Y/N): X Yes No	
Photograph Record:	

10/9/2019 9:48:01 AM 10/9/2019 12:41:38 PM



South, start of digging at 10:00



Southwest, Steve's crew trenching sidewall south of broadway (68+10)



Project Name: Stanton energy reliability	Date: 10/9/2019 10:20:37 AM
Project Location: 305 Dale Ave, Buena Park Monitor(s): dalexander	Weather: Cloudy to partly cloudy
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station 43+90 to 45+65	
Scope of Construction Work Monitored/Equipment Used: One backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. gas pipeline trench. Trench was primarily fill up to 4 1/2 feet de	One Backhoe digging up to 10 feet deep 30 inch wide
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N):	
Photograph Record:	



- Toject Name. Stan	ton energy reliability station	Date. 10/10/2019 9:15:57 AWI	
Project Location: Monitor(s): tredinger	On Dale at the intersection	Weather: Sunny but moderately cool	
	7:00	Work End Time: 3:30	
Construction Company	y: Southeast pipeline	Contact(s): Dannv. foreman	
Did the (sub)contracto	rs work more than 8 hours (Y/N)?	Yes X No	
Was the Safety Briefin	g Attended/Signed:	X Yes No	
Project Description:			
On Dale at the intersection	on of broadway. (Station 69+00 to 70-	+50, 67+40 yo 68+10	
Scope of Construction	Work Monitored/Equipment Used	:	
2 backhoes,shovels			
Today after attending the tailboard at 7:00 I monitored excavation of the trench and potholing activities along Dale between Trojan and academy ave. Two crews were working. At 68+90 Steve's crew potholed for utilities down to 3 ft before starting to dig. They dug down with the backhoe to a maximum of 8 ft depth. They crossed an unmarked 3 inch metal pipe 2 ft deep at 70+00. By the end of the day they got to 70+50. The other crew started digging at 65+50 and continued trenching to a maximum of 7 ft depth. The 2nd crew stopped at 67+00. Approximate Dimensions of Construction Area Monitored/Survey Area: Geologic Unit(s) Observed: The fill layer here goes down to 4 to 5 ft and is clay rich siltyfine grained sand that is dark brown in color. Below the fill layer the sand layer transitions at 35+50 to a fine grained silty sand that appears to be a floodplain deposit. His sediment is darker yellow brown and holds together nicely.			
Lithologic Description	(S):		
Observations of Paled	ontological Resources:		
None			
Additional Comments Today I monitored 2 sep	: parate machines and worked with Gen	a, Jennifer, and John.	
Plan for tomorrow: Continue movin south o	n Dale from broadway ave.		
Attachments (Y/N):	X Yes No		
Photograph Record:	DM		

South, 68+90 trenching. Transition to silty sand loam



Project Name:

Project Name: Stanton energy reliability	Date: 10/10/2019 12:38:32 PM
Project Location: 227 Dale Ave Buena Park ca Monitor(s): dalexander	Weather: Clear and sunny, warm
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	x Yes No
Project Description: Station 45+65 to46+30	
Scope of Construction Work Monitored/Equipment Used: One backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. feet deep. The upper 4 1/2 feet is primarily redeposited fill.	- ,
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): X Yes No	
Photograph Record:	
10/11/2019 9:27:49 AM	



Trench near station 46+00 Picture looking south.



Project Name: Stanton energy reliability station	Date: 10/11/2019 9:36:10 AM		
Project Location: On Dale south of Yale ave Monitor(s): tredinger	Weather: Sunny and medium		
Work Start Time: 7:00	Work End Time: 3:30		
Construction Company: Southeast	Contact(s): Richard foreman		
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No		
Was the Safety Briefing Attended/Signed:	X Yes No		
Project Description:			
On Dale south of Yale ave (46+42 to 46+75)			
Scope of Construction Work Monitored/Equipment Used: One backhoe			
Monitoring Methods (spot check, screening, bulk, sample collecting, etc): After the tailboard I moved over to where the 2nd Steve crew (the one Ryan and David where watching) they started at 46+30 at 9 ft depth. At 46+42 they found a sewer pipe (unmarked) down at 4 ft depth. They fixed it then continued trenching south from it down to 8.5 ft. Hwy hit a second unmarked sewer pipe at 46+70 and by the end of the day hey stopped at 46+75.			
Approximate Dimensions of Construction Area Monitore	d/Survey Area:		
Geologic Unit(s) Observed:			
Fill material was dark brown and silty. Fill only went down to 2 ft depth except where utilities crossed the trench. Below that the sediment consisted of sugary fine grained quartz sand hat was well sorted and massively bedded except for some fine stratification below 6 ft depth.			
Lithologic Description(s):			
Observations of Paleontological Resources:			
None			
Additional Comments: Inspector Johnny worked with Jennifer and myself. We watche	ed only the one machine run by Steve 2		
Plan for tomorrow: Continue to finish the last 200 ft of trenching north of Lincoln.			
Attachments (Y/N): X Yes No			
Photograph Record:			
10/11/2019 9:53:03 AM			

10/11/2019 10:06:34 AM



South. Start of excavation at Dale/Yale crossing



South, 46+40 2 inch gas and water lines crossing at 1 and 3 ft depth.



Project Name: Stanton energy reliability	Date: 10/11/2019 12:27:10 PM	
Project Location: Dale Ave and broadway Monitor(s): dalexander Work Start Time: 0700	Weather: Clear and sunny. Warm Santa Ana winds Work End Time: 1530	
Construction Company: Se pipeline	Contact(s): Richard	
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No	
Was the Safety Briefing Attended/Signed:	X Yes No	
Project Description:		
Stanton 66+75 to 67+00		
Scope of Construction Work Monitored/Equipment Used: Backhoe		
Monitoring Methods (spot check, screening, bulk, sample collecting, etc): Monitoring excavation activities for paleontological resources. One backhoe cutting 30 in wide up to 7 ft deep gas pipeline trench. Top 4-5 feet are generally fill consisting of brown fine sandy silt. At the bell trenches (the lower 6-7 feet depth) they hit native medium and coarse grain sands.		
Approximate Dimensions of Construction Area Monitored/Survey Area:		
Geologic Unit(s) Observed:		
Lithologic Description(s):		
Observations of Paleontological Resources:		
Additional Comments: Attended morning tailgate at 7 am.		
Plan for tomorrow: Monitoring as needed on monday		
Attachments (Y/N): ☐ Yes ☒ No		
Photograph Record:		



Project Name: Stanton energy reliability	Date: 10/14/2019 9:06:24 AM
Project Location: Dale and broadway Buena Monitor(s): dalexander	Weather: Cloudy to partly cloudy
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station 70+50 to 72+15 and 67+00 to 67+80	
Scope of Construction Work Monitored/Equipment Used: 2 Backhoes	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. foot deep gas pipeline trench. Top 5-7 feet are redeposited fill.	Two backhoes excavating 30 inch wide, (upto) 10
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered	
Additional Comments: Attended morning tailgate meeting.	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N):	
Photograph Record:	



Project Name: Stanton Energy Project	Date: 10/14/2019 2:04 PM	
Project Location: Anaheim	Weather:	
Monitor(s): jmcelhoes	Sunny and warm	
Work Start Time: 0700	Work End Time: 1530	
Construction Company: Se pipeline Construction	Contact(s):	
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No	
Was the Safety Briefing Attended/Signed:	X Yes No	
Project Description:		
Stations 47+00 to 48+00		
Scope of Construction Work Monitored/Equipment Used: Caterpillar 420F backhoe and tandem-axle dump trucks		
Monitoring Methods (spot check, screening, bulk, sample Trenching for gas pipeline linear	e collecting, etc):	
Approximate Dimensions of Construction Area Monitored/Survey Area:		
Geologic Unit(s) Observed:		
Lithologic Description(s):		
Observations of Paleontological Resources:		
No paleontological resources were observed in the alluvium.	Took photos of trench and drew interpretive	
Additional Comments: Report written by Patrick Riseley		
Plan for tomorrow: Trenching continues from station 48+00.		
Attachments (Y/N): Yes X No		
Photograph Record:		

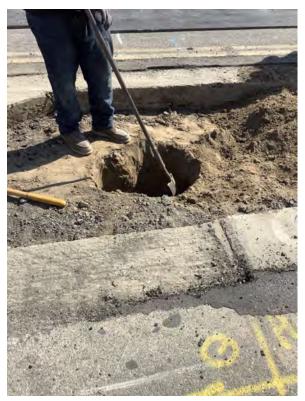


Project Name:	PLEASE DELETE	Date:	10/15/2019 9:16:26 AN
Project Location:		Weath	er:
Monitor(s): tred	dinger		
Work Start Time:		Work I	End Time:
Construction Cor	mpany:	Conta	ct(s):
Did the (sub)con	tractors work more than 8 hours (Y/N)?		Yes No
Was the Safety E	Briefing Attended/Signed:		Yes No
Project Description	on:		
Scope of Constru	uction Work Monitored/Equipment Used:	;	
Monitoring Meth	ods (spot check, screening, bulk, sample	e collec	ting, etc):
Approximate Dir	nensions of Construction Area Monitore	d/Surve	y Area:
Geologic Unit(s)	Observed:		
Lithologic Descr	iption(s):		
Observations of	Paleontological Resources:		
Additional Comm	nents:		
Plan for tomorro	w:		
Attachments (Y/	N): Yes X No		
Photograph Rece	ord:		



Project Name: Stanton energy reliability of	center Date: 10/15/2019 9:26:47 AM		
Project Location: On Dale between Line	coln Weather: Sunny and cool in morning. Hot in		
Monitor(s): tredinger	afternoon		
Work Start Time: 7:00	Work End Time: 3:30		
Construction Company: Southeast	Contact(s): Robert foreman		
Did the (sub)contractors work more than 8	hours (Y/N)?		
Was the Safety Briefing Attended/Signed:	× Yes No		
Project Description:			
On Dale between Lincoln and Tyler (47+50 to	49+00)		
Scope of Construction Work Monitored/Eq	uipment Used:		
Monitoring Methods (spot check, screening, bulk, sample collecting, etc): After attending the daily tailboard I monitored excavation conducted by one backhoe between Tyler and Lincoln. They started at station 48+30. He pot holed there for a half hour to find crossing water and gas utilities until 11:00. The backhoe went to go help the pipe instillation crew and spent a hour cleaning out a previously excavated part of the trench around 46+50. At 1:15 the backhoe moved back up to 48+50 to begin trenching down to a maximum 7 ft depth. They headed southward until hey stopped at he end of the day a 49+00.			
Approximate Dimensions of Construction Area Monitored/Survey Area:			
Geologic Unit(s) Observed:			
The sediment below the fill layer is the light tan to white medium to fine sand that is massively bedded with some stratification near the 6 ft depth mark. The upper part of the unit transitions into the fill gradually and is difficult to tell how deep the fill goes.			
Lithologic Description(s):			
Observations of Paleontological Resource	es:		
None			
Additional Comments: Today I monitored with Jennifer Mcelhoes			
Plan for tomorrow: Finish the last 120 ft of trench before meeting	with the HDD trench at Lincoln.		
Attachments (Y/N): X Yes No			
Photograph Record: 10/15/2019 11:36:41 AM			

10/15/2019 1:26:06 PM



East, start of digging potholing at 48+30. Looking for sewer gas and water.



South, overview crew trenching with backhoe at 48+50.



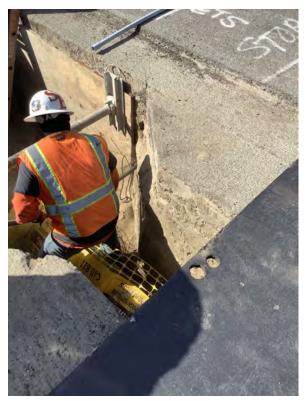
Project Name: Stanton energy reliability	Date: 10/15/2019 9:29:18 AM
Project Location: Dale and broadway/savoy Monitor(s): dalexander	Weather: Clear and sunny
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station #'s 67+80 to And 72+15	
Scope of Construction Work Monitored/Equipment Used: 2 backhoes	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources.2 deep gas pipeline trench.	•
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were discovered	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): ☐ Yes ☒ No	
Photograph Record:	



Stanton energy reliability station	Date. 10/16/2019 9:10:45 AM	
Project Location: On Dale between Tyler and Monitor(s): tredinger	Weather: Sunny and hot	
Monitor(s): tredinger Work Start Time: 7:00	Work End Time: 3:30	
Construction Company: Southeast pipeline	Contact(s): Robert foreman	
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No	
Was the Safety Briefing Attended/Signed:	X Yes No	
Project Description:		
Scope of Construction Work Monitored/Equipment Used: Backhoe	:	
Monitoring Methods (spot check, screening, bulk, sample After attending the tailboard at 7:00 I monitored the southeast day the crew hand dug with the backhoe helping to find all of t pressurized air air cannon to dig a small trench b perpendiculatively could test the current at 44+90. The backhoe dug off and playing back up. They stopped at station 45+30.	crew using the backhoe at 48+50. At the start of the utilities crossing at 48+50. A small crew used a ar from the trench 25 ft to an active electrical line s	
Approximate Dimensions of Construction Area Monitore	d/Survey Area:	
Geologic Unit(s) Observed:		
Fill material went down to approximately 5 ft where the water particle sand continues to be the sugary white tan well sorted fi	•	
Lithologic Description(s):		
Observations of Paleontological Resources:		
None		
Additional Comments: Monitored with Jen		
Plan for tomorrow: Continue moving south from where they left off today.		
Attachments (Y/N): X Yes No		
Photograph Record:		
10/16/2019 9:24:23 AM		
10/16/2019 10:36:53 AM		



Southwest, crossing of water gas and sewage at 48+50



Testing crew using 2 inch pipe air cannon to create a small 3 inch wide trench at 2 ft depth perpendicular between trench and sidewalk 15 ft long for electrical test. (44+90)



Project Name: Stanton energy reliability	Date: 10/16/2019 12:17:39 PM
Project Location: Dale Ave and savoy place Monitor(s): dalexander	Weather: Partly cloudy hot
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description: Station #	
Scope of Construction Work Monitored/Equipment Used: 2 backhoes	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. deep gas pipeline trench. Primarily in redeposited fill until about	Backhoes trenching 30 inch wide and up-to 8 feet
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleontological resources were found	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N):	
Photograph Record:	



Project Name: Stanton energy reliability	Date: 10/17/2019 9:49:08 AM
Project Location: Dale Ave and Savoy place	Weather: Partly cloudy
Monitor(s): dalexander	Tarty orday
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station #'s73+60- 73+65 and 74 +20-74+ 40 and 75+25 to 76+	77
Scope of Construction Work Monitored/Equipment Used: 2 backhoes	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources.2 deep	•
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No Paleontological resources were discovered	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N):	
Photograph Record:	



Project Name: Stanton Energy Project	Date: 10/17/2019 1:06:39 PM
Project Location: Anaheim Monitor(s): priseley	Weather: Pt cloudy with a breeze
Work Start Time: 0700	Work End Time: 1530
Construction Company: S E Pipeline Construction	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Stations 49+40 to 50+90	
Scope of Construction Work Monitored/Equipment Used:	
Caterpillar 420F backhoe and tandem axle dump trucks	
Monitoring Methods (spot check, screening, bulk, sample Excavation of gas pipeline linear.	e collecting, etc):
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Excavation of trench between 5 and 7 feet deep in gray-brown gravelly sand. No fossils were observed In the excavation toda Holocene alluvium.	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No fossils were observed today.	
Additional Comments:	
Plan for tomorrow: Continued excavation	
Attachments (Y/N): ☐ Yes ☒ No	
Photograph Record:	



Stanton Energy Reliability Project	Date. 10/14/2019
Project Location: Anaheim	Weather:
Monitor(s): priseley	Warm 80
Work Start Time: 0700	Work End Time: 1530
Construction Company: S E Pipeline Construction	Contact(s): Alain Maier
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station 47+00 to station 48+00	
Scope of Construction Work Monitored/Equipment Used:	
Caterpillar 420F backhoe and several tandem axle dump truck	s
Gas pipeline linear Approximate Dimensions of Construction Area Monitored Geologic Unit(s) Observed:	d/Survey Area:
Geologic Unit(s) Observed: Tan to light gray-brown fine to to medium with coarse sand fro Pre-project moist silty fine to coarse sand with pebble fill between	
concrete between 86 and 87.1 feet	
Lithologic Description(s):	
Observations of Paleontological Resources:	
No fossils were observed today	
Additional Comments:	
Plan for tomorrow: Continued excavation of gas-pipeline linear from station 48+00	
Attachments (Y/N):	
Photograph Record:	



Project Name: Stanton Energy Reliability Project	Date: 10/18/2019 10:04:14 AM
Project Location: Anaheim	Weather:
Monitor(s): priseley	Pt-cloudy and cool
Work Start Time: 0700	Work End Time: 3:30
Construction Company: S E Pipeline Construction	Contact(s): Alan Mevers
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description: Station 50+80 to 51+50	
Scope of Construction Work Monitored/Equipment Used Merritt 65hp modular walk-behind concrete saw, caterpillar 42	
Monitoring Methods (spot check, screening, bulk, sample Excavation for gas-pipeline linear	e collecting, etc):
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed: Both backfilled trenches and surrounding materials at less that homogenous appearance with medium brown silty fine to melloose gray-tan cross laminated medium to granular sand at 5 feet below approximately 87 feet elevation today. I have concept project fill exists below the 12 inch asphalt concrete near	dium with coarse distal floodplain deposits below a 5 to 6 foot deep. Total trench depth observed at 8.5 cluded that, apart from existing utility backfill, very little
Lithologic Description(s):	
Observations of Paleontological Resources:	
No fossils were observed.	
Additional Comments: N/A	
Plan for tomorrow: Continued excavation on Monday.	
Attachments (Y/N): Yes X No	
Photograph Record:	



Project Name: Stanton energy reliability	Date: 10/18/2019 12:27:01 PM
Project Location: 501 Dale Ave Buena Park Monitor(s): dalexander	Weather: Clear,sunny and warm
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station # 76+70 to	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. gas pipeline trench	
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring on monday	
Attachments (Y/N):	
Photograph Record:	



Project Name: Stanton energy reliability	Date: 10/21/2019 3:01:05 PM
Project Location: Dale Ave Buena Park ca Monitor(s): dalexander	Weather: Clear, sunny and hot
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	x Yes No
Project Description:	
Station 77+10 to 78+50	
Scope of Construction Work Monitored/Equipment Used: Back hoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. gas pipeline trench.	
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): ☐ Yes ☒ No	
Photograph Record:	

PALEO W

Daily Monitoring Report - Paleontology

Monitor: Daniel Nolan (Pakosolutions) Date: 10/21/2019

Project Name: Environmental Intelligence Project #

Project location (City, State): Stanton, (A Weather: Warm, Clear skies

Work Start Time: 06:30 Work End Time: 16:00 Total Monitoring Hrs: 9,00

Construction Company: Edison On-site Contact: Bob Dixon (Edison)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: yes

Equipment Used:

450F CAT backhoe

Project Location and description:

East side of Barre Substation off El cerrito Ave and Dale Ave

Scope of Construction work monitored (include methods):

Edison used 450F CAT backhop to excavate and remove foundation bases, impacting Byta in a total approximate area of 7ft long, 4ft wide, and 16ft deep.

Geologic Units and Lithology:

Fill: appears to be disturbed Qyfa; observed from surface to 3-4ft in depth. Quaternary young alluvium (Ryfa; Holocene): dark brown, moderately sorted, moderately compacted, subangular-subrounded, medium - very fine grained sands, silts, and clays; observed from 3-4ft below the surface to 16ft in depth.

Observation of Paleontological Resources

No paleontological resources observed or collected.

No Quaternary older alluvium observed during foundation removal.

Additional Comments:

None



Plan for Tomorrow: Edison will resume foundation base removal.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes

Photo Record:

P191021-DMN-01; foundation removal extructions

P191021-DMN-02: foundation removal excurations

P191021-DMH-03: foundation removal excavations

P191021-DMN-D4; foundation removal excavations cut



Project Name: Stanton energy reliability	Date: 10/22/2019 9:23:05 AM
Project Location: 523 Dale Ave Buena Park Monitor(s): dalexander	Weather: Clear sunny and hot
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipelone	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station # 78+50 to 79+40	
Scope of Construction Work Monitored/Equipment Used: One backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. feet deep gas pipeline trench.	
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N):	
Photograph Record:	

Monitor: Daniel Wolan (Palco solutions) Date: 10/22/209

Project Name: Environmental Intelligence Project #

Stanton Energy Reliability Center (SERC)

Project location (City, State): Stanton, CH Weather: Clear skies, hot

Work Start Timen(...30 Work End Time: 15:15

Total Monitoring Hrs: 8.25 hrs

PALEO WEST

Construction Company: Edison

On-site Contact: Bob Dixon

(Edison)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 F LAT backhoe

Project Location and description:

East side of the Barre Substation off Elerrito Ave and Dale Ave

Scope of Construction work monitored (include methods):

Edison used 450FLAT backor to excempte and remove the foundation bases, impacting fill and lyfa in a total approximate area of 5ft wde, 5ft long, and loft deep. for both foundation bases.

Geologic Units and Lithology:

Fill: appears to be disturbed and puck tilled Ryta; imputtle at the sufface of exerciste and about 3-4ft deep. anaternary Young Alluvium (aying; Holocene): dark brown, moderately sortel, modes fely compactes subangular-subriunded, medium - very fine grained sands, silts, and clays; impacted at 7-4ft below the surface of excavations and about to coft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected. No Quaternary older alluvium was impacted during excavations.

Additional Comments:

None



Plan for Tomorrow:

Edison will be backfilling and pouring slurry in preparation for drilling on Thursday.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes No

Photo Record:

PIGIOZZ-DMN-01; foundation removal excavations
PIGIOZZ-DMN-02; foundation removal excavations
PIGIOZZ-DMN-03; foundation removal excavations
PIGIOZZ-DMN-04; foundation removal excavations



Project Name: Stanton energy reliability station	Date: 10/23/2019 9:21:01 AM
Project Location: At the cross section of Dale Monitor(s): tredinger	Weather: Sunny and warm.
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
On Dale between orange avenue and west haven. (81+00 to	o 82+00
Scope of Construction Work Monitored/Equipment Use Backhoe	ed:
Monitoring Methods (spot check, screening, bulk, same Today I attended the tailboard then moved down to where to Dale. The crew dug down to a maximum 7 ft and completed	he three backhoes were digging south of Orange on
Approximate Dimensions of Construction Area Monito	ored/Survey Area:
Geologic Unit(s) Observed:	
Sediment at 81+00 was majority fill material up to 6 for in ,c seen but only in the last foot of excavation .	ost places. Below that some of the softer sands could be
Lithologic Description(s):	
Observations of Paleontological Resources:	
No paleo sensitive material found.	
Additional Comments: Monitored with Jennifer Mcchelos	
Plan for tomorrow: Continue south form where hey left off at Dale and orange	
Attachments (Y/N): X Yes No	
Photograph Record:	
10/23/2019 1:34:11 PM	



South, crews finishing up at 82+00 for he end of the day.



Project Name: Stanton energy reliability	Date: 10/23/2019 12:11:02 PM
Project Location: Dale Ave and Orange Buena Monitor(s): dalexander	Weather: Clear , sunny and hot
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	x Yes No
Project Description:	
Station 79+40 to 79+60 and 83+20 to. And 83*85 to	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. deep gas line trench.	· ,
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): ☐ Yes ☒ No	
Photograph Record:	



Project Name: Stanton emery by reliability	Date: 10/24/2019 9:09:31 AM
Project Location: On Dale south of orange 82 Monitor(s): tredinger	Weather: Sunny and winds up to 15 mp h.
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast pipeline	Contact(s): Steve. foreman
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
On Dale south of orange 82+00 to 83+50	
Scope of Construction Work Monitored/Equipment Used: Backhoe (1)	
Monitoring Methods (spot check, screening, bulk, sample Today after the tailboard the crew with operator Steven continuent from 82+00 southward. The crew completed about 30 ft layer. This layer went down to 3 ft depth. Hey finished for the continuent from 10 to 10	ued excavating the trench down to a maximum 7 ft an hour. At 83+00 they hit the extra thick cement
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Sediment at 82+00 was dark silty mud and sand mixed up down fill or if what we were seeing was topsoil as we got away from	•
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Teamed up with Jennifer M during monitoring.	
Plan for tomorrow: Continue moving south on Dale for trenching with 2 or 3 backh	noes
Attachments (Y/N): X Yes No	
Photograph Record:	
10/25/2019 6:42:59 AM 10/25/2019 6:44:53 AM	

10/25/2019 6:46:38 AM

North, starting point of trenching at 82+00. (Crew does not allow any photos of machine).	

outh, end of trenching for he day at 83+15 (crew does not allow photos of the achine or workers).	

East, sidewall of trench at 22+50



Project Name: Stanton energy reliability	Date: 10/24/2019 10:07:27 AM
Project Location: 621 Dale Ave, Buena Park Monitor(s): dalexander	Weather: Clear, sunny, windy and hot
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipe	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station # 83+40 to 84+40	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. deep gas pipeline trench.	
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): ☐ Yes ☒ No	
Photograph Record:	

Monitor: Daniel Nolan (Paleo solutions) Date: 10/24/2019

Project Name: Stanton Energy Reliability center Project #

Project location (City State) State A /A

Project location (City, State): Stanton, (A Weather: Clear skies, very warm / hot

Work Start Time: 06.30 Work End Time: 15.30 Total Monitoring Hrs: 85 hrs

Construction Company: Edison On-site Contact: Fob Dixon (Edison)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

1356 Deere rotary auger drill

Project Location and description:

East side of Barre Substation, off El cerritos are and Dale Ave

Scope of Construction work monitored (include methods):

Edison used 1356 peere rotary anger drill to drill new foundation bases, impacting fill and Dyfa in an area of 5ft mide and 18ft deep for all three foundation base drill holes.

Geologic Units and Lithology:

Fill: appears to be backfilled Byfa and slurry; impacted at the surface of drilling to lott deep for the first foundation base, and loft deep for the second and third foundation bases. Quaternary young alluvium (Ryfa; Holocome); dark brown, moderately compacted, moderately sorted, medium-very fine grained subsounded sand, silt, and clay; impacted at approximately lift deep for the first foundation base and loft deep for the second and third foundation bases to 18 ft deep for all three drill holes.

Observation of Paleontological Resources

No paleontological resources were observed or collected.

No Quaternary older alluvium was impacted during foundation base drilling.

Additional Comments:

None

PALEO WEST

PALEO WEST

Plan for Tomorrow:

Edison will be pouring concrete and setting the foundations tomorrow. Excurations will resume on Monday.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes No

Photo Record:

P191024-DMN-01: foundation base drilling P191024-DMN-02: foundation base drilling



Stanton energy reliability	Date. 10/25/2019 6:54:19 AIVI
Project Location: Dale Ave Buena Park Monitor(s): dalexander	Weather: Clear sunny windy and hot
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description: Station #83+30 to 84+ and 86+40 to 87+	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. gas pipeline trench.	· ,
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
Additional Comments:	
Plan for tomorrow:	
Attachments (Y/N):	
Photograph Record:	



rial st. To ft long
15 ft s they
d with I down to tly clay ne e lines of
now.
now.
d I

10/25/2019 9:22:36 AM 10/25/2019 10:52:50 AM



North, start of excavation for starting point to HDD under storm drain at Dale and STANDUSTRIAL ST.



East, sidewall at station 144+00

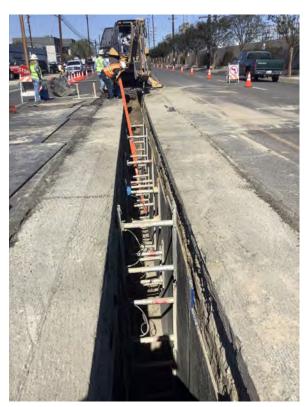


Project Name: Stanton electrica	I reliability	Date: 10/28/20	19 10:06:09 AM
Project Location: On Dale at s Monitor(s): tredinger	standustrial and	Weather: Sunny but cool	
Work Start Time: 7:00		Work End Time	3:30
Construction Company: South	east pipeline	Contact(s):	Robert Wasso
Did the (sub)contractors work mo	re than 8 hours (Y/N)?	Yes	x No
Was the Safety Briefing Attended	/Signed:	x Yes	No
Project Description:			
On Dale at standustrial and on westh	naven		
Scope of Construction Work Moni	itored/Equipment Used:		
Monitoring Methods (spot check, At the start of the day I went down w standustrial st. To start a HDD crew about 40 ft long 6ft wide, and 15 ft de another 15 ft back. After they stoppe +50 down to a maximum 6 ft depth a	ith Natalie to monitor as the to go under a drainage that eep. They then started cutted due to a lack of plates I raind monitored there for the	e Steve crew cont it cut east west act ing northward up t moved up to the ot rest of the day. Th	ross Dale. They excavated an area the trench from the insertion point ther two crews at 66+00 throgh 68
Approximate Dimensions of Cons	struction Area Monitored	1/Survey Area:	
Geologic Unit(s) Observed:			
At the cross section of Dale and star road building rocks and cement, below 5 ft depth, at 5.5 ft there is a distinct with high organics. Below that the perfect bottom at 15 ft it is mostly entirely firm	ow that the sediment trans dark brown contact line wi ercentage of fie grained sa	itioned slowly into th the lower unit. 1 nd increases. At 7	native mixed silt and sand down to This darker contact is mostly clay ft it is silty sand while at the
Lithologic Description(s):			
Observations of Paleontological	Resources:		
None			
Additional Comments: Monitored with Jen, and Natalie			
Plan for tomorrow: Continue digging south from westha	ven with three backhoes		
Attachments (Y/N): X Yes	No		
Photograph Record:			
10/28/2019 10:08:15 AM			

10/28/2019 12:49:41 PM



North, start of excavation for today at the standustrial st crossing for HDD.



North, finish boarhole at end I of day



Project Name:

Project Name: Stanton energy reliability	Date: 10/28/2019 10:08:01 AM
Project Location: West haven and Dale Ave Monitor(s): dalexander	Weather: Clear and sunny
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Richard
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description: Station #85+35 to 86+05	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources.c pipeline trench.	. ,
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow:	
Attachments (Y/N):	
Photograph Record:	



Monitor: Daniel Nolan (Paleo Solutions) Date: 10/28/2019

Project Name: Stanton Energy Reliability

Center (SERC)

Wenther

Project location (City, State): Stanton, CA Weather: Clear skies, warm

Work Start Time: 06:30 Work End Time: 14:30 Total Monitoring Hrs: 7.5 hrs

Construction Company: Edison On-site Contact: Bob Dixon (Edison)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

450F LAT backhoe

Project Location and description:

East side of the Barre Substation of El Cerrito Ave and Dale Ave.

Scope of Construction work monitored (include methods):

Edison used 450F CAT backhoe to excurate the pipeline trench and instantially impacting fill and Oyfa in a total area of 10ft long, 4-10ft wide, and 2-7ft deep.

Geologic Units and Lithology:

Fill: appears as disturbed and backfilled Qyfa; impacted at the surface of excavations to about 2ft deep.

Quaternary Young alluvium (Qyfa; Holocene): dark brown, maderately-well sorted, maderately compacted, subangular-subvounded medium-very fine sand, si H; and clay; impacted at approximately 2ft below the surface of exavaking and to about 7ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected. Quaternary older alluvium was not impacted during excauations.

Additional Comments:

None



Plan for Tomorrow:

Edison is planning to place pipe and pour tomorrow. No excavations are anticipated,

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes No

Photo Record:

PH1028-DMN-01: Pipeline trenching PH1028-DMN-02: Pipeline trenching cut



Project Name: Stanton energy reliability station	Date: 10/29/2019 8:54:04 AM
Project Location: On Dale, between	Weather:
Monitor(s): tredinger	Cool, sunny. 60 degrees.
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast pipeline	Contact(s): Steve
Did the (sub)contractors work more than 8 hours (Y	/N)? Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
On Dale, between westhaven and west bella qt. Station8	38+00 through 89:50. Also just north of Lincoln.
Scope of Construction Work Monitored/Equipment Backhoe (3) and hand digging	Used:
going down a maximum of 7 ft, and exploratory hand dig	cample collecting, etc): In westhaven and Bella on Dale. This included 3 backhoes ging around utility crossing. Steve 1, Steve 2 and Danny my's crew while I monitored the two steves. 87+00 to 89+50.
Approximate Dimensions of Construction Area Mon	nitored/Survey Area:
Geologic Unit(s) Observed:	
	medium to fine sand that is massively bedded with some the unit transitions into the fill gradually and is difficult to tel
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Monitored with Gloriella, and Jen.	
Plan for tomorrow: Continued excavation south from where they left off.	
Attachments (Y/N): X Yes □ No	
Photograph Record:	



North, Steve 2 crew start in at 89+20 at start of work day.



Project Name: Stanton energy reliability	Date: 10/29/2019 10:29:55 AM
Project Location: Dale and westhaven	Weather: Clear and sunny
Monitor(s): dalexander	Work End Times 1520
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	x Yes No
Project Description:	
Station # $86+05$ to $86+40$ and $88+30$ to $88+60$ and $90+70$ to 91	+00
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. deep trench.	
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): X Yes No	
Photograph Record:	
10/29/2019 10:37:31 AM	



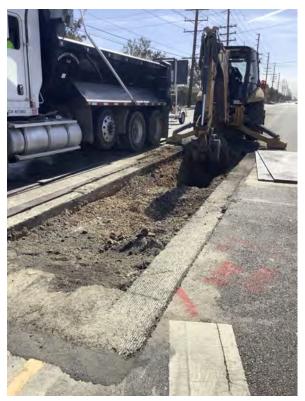
Bell hole at station #86+15



Project Name: Stanton energy reliability	Date: 10/30/2019 9:26:57 AM
Project Location: Dale Ave and stony brook Monitor(s): dalexander	Weather: Clear sunny very windy
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Alain
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station #91+00 to 93+15	
Scope of Construction Work Monitored/Equipment Used: Back hoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. deep gas pipeline trench.	•
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): ☐ Yes ☒ No	
Photograph Record:	



Project Name: Stanton energy reliability station	Date: 10/30/2019 10:03:16 AM
Project Location: On Dale just south of Monitor(s): tredinger	Weather: Strong Santa Ana winds sunny.
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast pipeline	Contact(s): Steve
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
At Dale and standustrial	
Scope of Construction Work Monitored/Equipment Used Backhoe	1 :
Monitoring Methods (spot check, screening, bulk, samp Today I monitored as the second Steve crew excavated the estandustrial and Dale. The cut area was approximately 10 by end of the day.	exit point for the HDD drill on the southern side of
Approximate Dimensions of Construction Area Monitore	ed/Survey Area:
Geologic Unit(s) Observed:	
At the cross section of Dale and standustrial the sediment is road building rocks and cement, below that the sediment transfit depth, at 5.5 ft there is a distinct dark brown contact line with high organics. Below that the percentage of fie grained shottom at 15 ft it is mostly entirely fine sand. At 9 t depth there	nsitioned slowly into native mixed silt and sand down to with the lower unit. This darker contact is mostly clay sand increases. At 7 ft it is silty sand while at the
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Worked with Jen	
Plan for tomorrow: Finished here, trenching will continue up by Dale and orange	with three machines,
Attachments (Y/N): X Yes No	
Photograph Record:	
10/30/2010 12·20·28 PM	



South. Start of excavation for exit of HDD at plant



Stanton energy reliability	Date. 10/31/2019 10:42:46 AN
Project Location: Stonybrook and Dale Ave	Weather: Clear and Sunny, breezy
Monitor(s): dalexander	Clear and Sunny, breezy
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Alain
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	x Yes No
Project Description:	
Station # 88+65 to 88+75 and 89+05 to 89+15 and 91+00 to 91	+56 and 89+80 to 90+05
Scope of Construction Work Monitored/Equipment Used:	
3 backhoes	
Monitoring Methods (spot check, screening, bulk, sample	collecting, etc):
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): Yes X No	
Photograph Record:	



Project Name: Stanton energy reliability station	Date: 10/31/2019 6:44:37 AM
Project Location: On Dale between stony Monitor(s): tredinger	Weather: Windy and cold.some smoke
Monitor(s): tredinger Work Start Time: 7:00	Work End Time: 11:00
Construction Company: Southeast pipeline	Contact(s): Alain Mever
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
At Dale and stony brook	
Scope of Construction Work Monitored/Equipment Used: Backhoe. (3)	
Monitoring Methods (spot check, screening, bulk, sample Today I attended the tailboard at 7:00 and waited for them to s By 9:00 the smoke the night before had given me bad asthma pretty close together I decided to leave at 11:00 to rest.	start digging in Dale between stonybrooke and Rome.
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
None (machines were not digging by the time I left.	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments:	
Plan for tomorrow:	
Attachments (Y/N):	
Photograph Record:	



Monitor: Danie | Nolan

Date: 10/31/1019

Project Name: Environmental Intelligence

Project #

Project location (City, State): Han hen, (A

Weather: (len' skies

Work Start Time: 01.30 Work End Time: 12:30

Total Monitoring Hrs: 6 hrs

Construction Company: Edison

On-site Contact: Bob Dixon (Edison)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: 165

Equipment Used:

450F LAT backhei

Project Location and description:

East side of the Barre Substation off El cerrite Ave and Dale Ave.

Scope of Construction work monitored (include methods):

Edison used 450 F (AT backhor to exercite the pipeline trench and instand-outs impacting Ryf. in a total area of 10 ft long, 4-10ft wide, and Iftdeep.

Geologic Units and Lithology:

Quarternary young allowium (Qyfa; Holecone): brown-dark boson, medicately-well sorted, medicately comparted, subrounded - subangular, medium-very fine grained sands, silts, and clays; impacted it the surface of excavations and to about left deip.

Observation of Paleontological Resources

No paleontological resonnes were observed or collected. Quaternary older alluvium was not impacted during ground disturbance activities.

Additional Comments:

None



Plan for Tomorrow: No excavations are planned for tomorrow. Excavations are currently expected for Saturday.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes

Photo Record: PK1031-DMN-01: pipeline exercations Attachment 8 – ELEC-1

Attachment 8 has been deliberately left blank in this reporting period

Attachment 9 – GEN-2 Master Drawing List

Attachment 9 has been deliberately left blank in this reporting period

Attachment 10 – GEN-3 CBO Payment



Accounts Payments

Transfers **Check Services**

Timeout: 0:13:04

View US Wire

Use this page to view a US Wire

Hela

View Payment History

Payment Information

Status

Confirmed

Confirmation Number

IMAD:1105L4B74B1C000069

Payment Number

50500701

Debit Account

SERC OP - *****6538

Debit Amount

150,418.55 USD

Value Date

11/05/2019

11/05/2019

Send Date

One-Time Only

Frequency

138263

Reference for Recipient **Details of Payment**

Stanton Energy Reliability Center

Project 550818-000002.00

Invoice 138263

Ordering Customer

Recipient Information

Recipient

NV5 Inc.

Account Number

200 S Park Road STE 350 Hollywood, FL 33021-8798

Recipient Bank

BANK OF AMERICA, N.A., NY ABA (Wire) 026009593 NEW YORK NY UNITED STATES

Options

Intermediary Bank

Receiving Bank

Bank to Bank Information

Cancel

Attachment 11 – GEN-6 Special Inspectors

Ryan E Bordenkecher

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
05101101	Oct 2005	Oct 2020	Active	Certified Welding Inspector (CWI)	Without Correction/Not Color Blind	Oct 2017



* Certification number

05101101

* Last name

Bordenkecher

Charles L 7C0000166 Reason: Deputy CBO 005E0F

Digitally signed by Charles Griffin:A0109 Griffin:A01097C000001667 ED3B6E000005E0F 7ED3B6E000 approved for structural steel welding and bolting. Date: 2019.10.15 10:46:57 -07'00'

Go

AAA

Verified Candidate



Search Again

Customer Name:

George Cleveland

Account Number:

127810

Charles L Griffin:A010 01667ED3B6E000005 97C000001 Reason: Deputy CBO

97C000001 Reason: Deputy CB0 approved for 667ED3B6E structural steel welding and bolting. Date: 2019;10.15 11:06:32-07'00'

Digitally signed by Charles L Griffin:A01097C0000

Certifications:

Expires:

01/08/2021 Structural Masonry Special Inspector 01/08/2021

Structural Steel & Welding Spec Insp -

Legacy

08/14/2022 Reinforced Concrete Special Inspector

Legacy

Please enter a Certification number below, along with the last name of the individual to be verified. The certification number can be found on a wallet card or wall certificate provided by the individual. The search will return the certification number, name and expiration date for each certification held by that individual.

Dennis A Fitzgerald

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
06120311	Dec 2006	Dec 2021	Active	Certified Welding Inspector (CWI)	With Correction/Color Vision	Sep 2018



Charles L Griffin:A01 Griffin:A01097C0000 097C0000 5E0F 01667ED3 approved for B6E000005 welding and bolting. EOF

Digitally signed by Charles L 01667ED3B6E00000 Reason: Deputy CBO Date: 2019.10.15 11:25:55 -07'00'

* Certification number

06120311

* Last name

Fitzgerald



AWS strongly suggests that the certification identity be verified with a government issued photo identification card, such as a driver's license.

Servando Garcia

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
02110391	Nov 2002	Nov 2020	Active	Certified Welding Inspector (CWI)	Without Correction/Not Color Blind	Oot 2017



* Certification number

02110391

* Last name

Garcia

Charles L
Griffin:A01097C
000001667ED3
B6E000005E0F
Digitally signed by Charles L
Griffin:A01097C000001667E
D3B6E000005E0F
Reason: Deputy CBO
approved for structural steel
welding and bolting.
Date: 2019.10.15 11:45:02
-07'00'

David M Gordon

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
04041591	Apr 2004	Apr 2022	Active	Certified Welding Inspector (CWI)	With Correction/Not Color Blind	Oct 2018



* Certification number

04041591

* Last name

gordon

Charles L C00001667E Reason: Deputy CBO **EOF**

Griffin:A01097 Griffin:A01097C00000166 7ED3B6E000005E0F D3B6E000005 steel welding and bolting. Date: 2019.10.15 12:47:31 -07'00'

Digitally signed by Charles

Paul A Grend

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
08091181	Sep 2008	Sep 2020	Active	Certified Welding Inspector (CWI)	Without Correction/Not Color Blind	Aug 2017



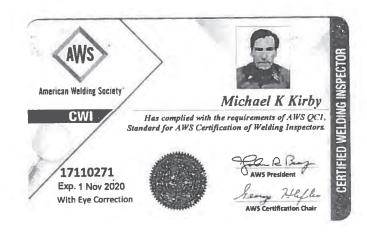
Charles L
Griffin:A010
GriffinA01097C000001667E
D3866000005E0F
97C000001
667ED3B6E
Date: 2019,10.1513:14:33
-07:00 000005E0F

Charles L 97C000001 667ED3B6E 000005E0F

Digitally signed by Griffin:A010 Charles L

Griffin:A010 Griffin:A01097C000001

Griffin:A01097C000001 Reason: Deputy CBO approved for structural steel welding and bolting. Date: 2019.10.15 13:26:01 -07'00'



Isaac P McMann

Cert, No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
14011441	Jan 2014	Jan 2023	Active	Certified Welding	With Correction/Not Color Blind	Jun 2019



* Certification number

14011441

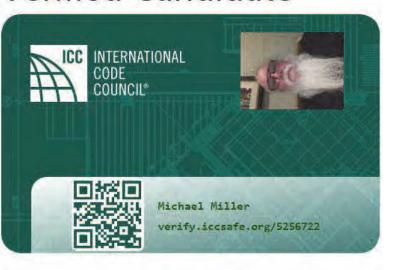
*Last name

Memann

Charles L
Griffin:A01097C
Griffin:A01097C
D386E00005E0F
000001667ED3
B6E000005E0F
Date: 2019.10.15 13:51:15
-07'00'

AAA

Verified Candidate



Search Again

Customer Name:

Michael Miller

Account Number:

5256722

Certifications:

Griffin:A0 00001667ED3B6E

0001667

Charles L Digitally signed by Charles L Griffin:A01097C0 1097C00 0000005E0F Reason: Deputy 000005E0F CBO approved for structural ED3B6E0 steel welding and bolting.
00005E0F Date: 2019.10.15
14:18:57 -07'00'

Expires:

12/09/2019

04/27/2020

Structural Welding Special Inspector Structural Steel & Welding Spec Insp -

Legacy

12/09/2019 Reinforced Concrete Special Inspector Prestressed Concrete Special Inspector 12/09/2019 04/27/2020 Structural Steel and Bolting Special

Inspector

Attachment 12 – Gen-7 Discrepancy

<Attachment 12 has been deliberately left blank in this reporting period>

Attachment 13 – GEN-8 Final Inspections

< Attachment 13 has been deliberately left blank in this reporting period >

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
	78810	0
10/1/2019	79300	490
10/2/2019	79880	580
10/3/2019	80400	520
10/4/2019	80600	200
10/7/2019	81150	550
10/8/2019	81620	470
10/9/2019	82140	520
10/10/2019	82720	580
10/11/2019	83580	860
10/14/2019	84180	600
10/15/2019	84620	440
10/16/2019	85050	430
10/17/2019	85520	470
10/18/2019	85940	420
10/21/2019	86480	540
10/22/2019	87290	810
10/23/2019	87560	270
10/24/2019	88390	830
10/25/2019	89110	720
10/28/2019	89670	560
10/29/2019	90110	440
10/30/2019	90850	740
10/31/2019	91310	460

Total	12500
Total	12300

Attachment 15 – SOIL&WATER-8 Encroachment Permit

< Attachment 15 has been deliberately left blank in this reporting period >

Attachment 16 – STRUC-1 CBO Approvals



GE Power

11330 Clay Road, Westway Plaza Houston, TX 77041 T+1 832 954 0942

Mr. Alan Ho, SE Senior Structural Engineer NV5, Inc. Email: Alan.Ho@nv5.com

October 15, 2019

RE: STRUC-1-32.0 CO2 Fire Protection Skids - PC1

CALCS_190513_EXPEDITE_PC1

Dear Mr. Ho:

I have received your comments dated May 23, 2019. Please find my response below.

- 1. S1 Complied.
- 2. S2 Complied.
- 3. S3 Out of scope for GE. On the other hand, response modification factor of 2.5 may be used as a conservative estimate of overstrength factor in anchor bolt design.
- 4. S4 There was an error in the original analysis report. The maximum shear per anchor is 1.0 kip under seismic load. Reactions under seismic load, wind load, live load and dead load are listed in different columns.
- 5. S5 I certify that the analysis and design for Fire Protection (CO2) Skid complies with CBC2016, including but not limited to, load calculation, structure analysis, connection design etc.

If you have any questions, please feel free to contact me. Thank you for your assistance in this matter.

C 81533
EXP. 9/30/21

CIVIL RIP

Yunyi Zou, PhD, PE (CA 81533)

Structural Engineer

SERC_16-AFC-01
--- REVIEWED ---

This review is intended only to verify conforming to the 2016 coltion of the Galifornia Building Sandards. It does not relieve Contractor and Applicant of responsibility for requirements. Project drawings and specifications. No responsibility is assumed for Esbrication or construction techniques, corrections of quanticises or dimensions, or coordination of work with other trades. Omissionia & Errors on documents with not be valid and all locdes and Lawren surface for more than the contraction of the co

Digitally signed by Alan Ho Reason: Reviewed for

Code Compliance.

Date: 2019.10.27 17:14:56 -07'00' Delegate Chief Building Official Program
PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: October 3, 2019

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Eric Rodriguez, S.E., Lead Engineer

NV5, Inc.

Eric.rodriguez@nv5.com

714.612.8977

CC: Kevin Wedman, CBO

NV5, Inc.

SUBMITTAL: SERC 16-AFC-01 STRUC-1-39.0 PDM S. STRUC & CALCS 190920 PCF

MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: October 20, 2019

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer

NV5. Inc.

Alan.Ho@nv5.com 916.346.8866

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-3.0_X1_FDN PLANS & CALCS_191006_PCF

MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the STANTON ENERGY RELIABILITY CENTER (16-AFC-01), has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC_16-AFC-01

--- REVIEWED ---

This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed by Alan Ho Reason: Reviewed for

Code Compliance for foundation only.

Date: 2019.10.20 21:13:08

-07'00'

Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: October 21, 2019

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer

NV5. Inc.

Alan.Ho@nv5.com 916.346.8866

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-40.0_CEMS ENCLOSURE_191010_PCF

MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the STANTON ENERGY RELIABILITY CENTER (16-AFC-01), has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC_16-AFC-01

--- REVIEWED ---

This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed by Alan Ho

Reason: Reviewed for

Code Compliance.

Date: 2019.10.21

22:09:20 -07'00'

Attachment 17 – TRANS-1 Permits

TRANS-1 Roadway Use Permits and Regulations October 2019

- 1. Plenum Module Air Filter delivered on 9/30/19 10/6/19
 - State of California e19-090576
- 2. Plenum Module Air Filter delivered on 9/30/19 10/6/19
 - State of California e19-090676
- 3. Plenum Module Air Filter delivered on 9/30/19 10/6/19
 - State of California e19-091255
- 4. Generator delivered on 10/02/19 10/04/19
 - Los Angeles County 359512
- 5. Air Duct Module delivered on 9/27/19 10/03/19
 - State of California 275855 CT
- 6. Duct Module 8 delivered on 09/28/19 10/04/19
 - State of California e19-090184

Attachment 18 – Safety Inspection Report



SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT OCTOBER 2019

The following information for the SERC Project safety inspection and compliance to the site as required by CEC, CBO and Wellhead in the month of October 2019.

We have been in compliance with all safety policies and procedures on the SERC project. Personnel have been participating in our Personal Safety Commitment observation program and stop work responsibility has been a big focus to our constantly changing safety culture. We have had Two First Aid Injuries to Two Individuals for our Sub-Contractor NewTron for a Slight Spranged Ankle and Lower Back Irritation. Both have been returned to full duty as of day of incident. No others to report and/or that have been reported to the SERC-ARB Safety Department for this period.

We have been processing a number of new Personnel for ARB, our Sub-Contractors and Inspection Personnel for Wellhead through the SERC WEAP Orientation and SERC Site specific Safety training. Parking passes for all craft workers will continue for established parking at the Bethel Church off of Dale Street and Admin passes for the Pacific St. parking lot. Parking there has been good and the effort has been closely monitored and coordinated.

We have had discussions on Working From Heights Safety, Safety Assessments-Congested Work Areas, Ladder, Platform & Scaffolding Safety, Taking Shortcuts & Being Complacent-Will Not End Well and Making Sure You Are fit For Duty as the topics in our all hands safety meetings for the month of October 2019. We have applied special emphasis on staying hydrated again and for the past couple of Months. We are also constantly emphasizing the use of spotters at all times especially around the overhead power lines due to the close proximity of these lines and the tightness of the project location. A lot of activity on the project with manlifts, forklift, overhead work and cranes. All Personnel have coordinated these activities very well and communications amongst the craft has been great. We continue to stress to all our Personnel to stay focused, keep aware of your surrounding and do not get complacent.

We have had the Two first aids to content with, but There has been no near misses, no recordables or loss time Injuries to report for this month.

Tim Draper,

ARB, Inc. Safety Manager,

SERC Project Safety

tdraper@prim.com

(949) 678-1643

Attachment 19 – CIVIL-3 Non-Compliance Reports

<Attachment 19 has been deliberately left blank in this reporting period>

Attachment 20 - COM-6 Filings & Permits to/by Government Agencies

From: noreply@digalert.org ntasich@prim.com To:

Subject: DigAlert Confirmation for Ticket A190280441-11B Date: Tuesday, September 24, 2019 7:17:21 AM

EXTERNAL EMAIL

EMLCFM 00263B USAS 09/24/19 07:17:19 A190280441-11B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California. This is an automatically generated confirmation of your DigAlert.

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This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 11B Created: 09/24/19 07:16 User: DIRECT Chan: WEB

Work Start: 09/24/19 07:16 Legal Start: 09/24/19 07:16 Expires: 10/22/19

23:59

Response required: N Priority: 2

Excavator Information Company: ARB, INC.

Co Addr: 26000 COMMERCENTRE DRIVE

: LAKE FOREST City State: CA Zip: 92630 Created By: NICHOLAS TASICH Language: ENGLISH

Office Phone: 949-598-9242 SMS/Cell:

Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ

Site Phone: 661-343-1481 Site SMS/Cell:

Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON

Zip:

Location: Address/Street: 10711 DALE AVE

: X/ST1: MONROE AVE

: AREA BOUNDED E/BY DALE AVE, S/BY APPROX 305FT N/OF N/INTER OF

MONROE

: AVE, W/BY APPROX 1397FT W/OF DALE AVE, N/BY APPROX 441FT N/OF

N/INTER

: OF MONROE AVE;

Delineated Method: WHITEPAINT

Work Type: INSTALL UGRND UTIL, BRIDGE WORK, WALL WORK

Work For : WELLHEAD ELECTRIC

Permit: 16-AFC-01 Job/Work order:

1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.807366/-117.989592 33.807418/-117.984107 : 33.806196/-117.989581 33.806248/-117.984096

Excavator Provided: 33.806648/-117.984594 33.807001/-117.984598

: 33.806951/-117.989093 33.806613/-117.989092

Map link:

https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=4Ax05r5xw4r4m1x-q

Comments:

^{**}RESEND**UPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]

^{**}RESEND**REQUEST REMARKS FROM ALL-WORK CONT W/SIDE TO APPROX 100FT W/OF THE

```
W/SIDE OF DALE AVE (TO FENCE LINE) FRM APPROX 305 N/OF THE N/INTER OF MONROE
AVE
N/TO APPROX 441FT N/OF MONROE AVE. PER NICK TASICH--[JLL 02/15/2019 10:38:02
AM]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 03/14/19 13:21]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 04/10/19 07:48]
**RENEW TICKET** WORK CONTINUING PER JOSH KRAHL--[DIRECT 05/02/2019 08:52 AM]
**RENEW TICKET** WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 05/20/2019 01:16
**RENEW TICKET** WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20
PM]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50
AM]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37
AM 1
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 08/28/2019 10:40
**RENEW TICKET** WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 09/24/2019 07:16
AM l
Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929 GAR01 C/OF GARDEN GROVE-WATER LES RUITEMSCHILD 714-290-8986
                                                                      714-290-8986
MWD05 METROPOLITAN WATER
                                         CONTROL ROOM
                                                                      714-577-5011
SCG28T SC GAS BREA -TRANSMISSION
SCG2XN SC GAS - GARDEN GROVE
                                                                      714-634-3196
                                         ADAM JUAREZ
                                         LEAD DISPATCHER - CHUCK 800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART
                                                                      310-660-0320
       SO CAL WATER(GOLDEN ST WTR) GILBERT ESTRADA
SCW2P
                                                                      562-547-
7073xCELL
UCHTRW C5 UTIL/SPECTRUM GG - CATV
                                         SPECTRUM DAMAGE ONLY
                                                                      844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST SC EDISON PERSONNEL
                                                                      800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC
                                                                      800-655-8844
```

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From: noreply@digalert.org ntasich@prim.com To:

Subject: DigAlert Confirmation for Ticket A190280441-12B

Date: Monday, October 21, 2019 9:21:36 AM

EXTERNAL EMAIL

EMLCFM 01532B USAS 10/21/19 09:21:28 A190280441-12B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California. This is an automatically generated confirmation of your DigAlert.

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This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 12B Created: 10/21/19 09:20 User: DIRECT Chan: WEB

Work Start: 10/21/19 09:20 Legal Start: 10/21/19 09:20 Expires: 11/18/19

23:59

Response required: N Priority: 2

Excavator Information

Company: ARB, INC.

Co Addr: 26000 COMMERCENTRE DRIVE

: LAKE FOREST City State: CA Zip: 92630 Created By: NICHOLAS TASICH Language: ENGLISH

Office Phone: 949-598-9242 SMS/Cell:

Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ

Site Phone: 661-343-1481 Site SMS/Cell:

Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON

Zip:

Location: Address/Street: 10711 DALE AVE

: X/ST1: MONROE AVE

: AREA BOUNDED E/BY DALE AVE, S/BY APPROX 305FT N/OF N/INTER OF MONROE

: AVE, W/BY APPROX 1397FT W/OF DALE AVE, N/BY APPROX 441FT N/OF

N/INTER

: OF MONROE AVE;

Delineated Method: WHITEPAINT

Work Type: INSTALL UGRND UTIL, BRIDGE WORK, WALL WORK

Work For : WELLHEAD ELECTRIC

Permit: 16-AFC-01 Job/Work order:

1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.807366/-117.989592 33.807418/-117.984107 : 33.806196/-117.989581 33.806248/-117.984096

Excavator Provided: 33.806648/-117.984594 33.807001/-117.984598

 $: \ 33.806951/-117.989093 \ 33.806613/-117.989092$

Map link:

https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=7A0vBpCq1z7k0q2-h

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]

^{**}RESEND**REQUEST REMARKS FROM ALL-WORK CONT W/SIDE TO APPROX 100FT W/OF THE

```
W/SIDE OF DALE AVE (TO FENCE LINE) FRM APPROX 305 N/OF THE N/INTER OF MONROE
AVE
N/TO APPROX 441FT N/OF MONROE AVE. PER NICK TASICH--[JLL 02/15/2019 10:38:02
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**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 03/14/19 13:21]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 04/10/19 07:48]
**RENEW TICKET** WORK CONTINUING PER JOSH KRAHL--[DIRECT 05/02/2019 08:52 AM]
**RENEW TICKET** WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 05/20/2019 01:16
**RENEW TICKET** WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20
PM]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50
AM]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37
AM 1
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 08/28/2019 10:40
**RENEW TICKET** WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 09/24/2019 07:16
**RENEW TICKET** WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 10/21/2019 09:20
AM]
Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929
GAR01 C/OF GARDEN GROVE-WATER MWD05 METROPOLITAN WATER
                                       LES RUITEMSCHILD
                                                                   714-290-8986
                                       CONTROL ROOM
                                                                   714-577-5011
SCG28T SC GAS BREA -TRANSMISSION
                                       ADAM JUAREZ
                                                                   714-634-3196
                                       LEAD DISPATCHER - CHUCK 800-603-7060
SCG2XN SC GAS - GARDEN GROVE
                                                                   310-660-0320
SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART
                                                                   562-547-
SCW2P SO CAL WATER (GOLDEN ST WTR)
                                       GILBERT ESTRADA
7073xCELL
UCHTRW C5 UTIL/SPECTRUM GG - CATV
                                       SPECTRUM DAMAGE ONLY
                                                                   844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST SC EDISON PERSONNEL
                                                                   800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC
                                                                   800-655-8844
```

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From: noreply@digalert.org ntasich@prim.com To:

Subject: DigAlert Confirmation for Ticket A190280541-11B

Date: Tuesday, October 8, 2019 7:47:24 AM

EXTERNAL EMAIL

EMLCFM 00251B USAS 10/08/19 07:47:33 A190280541-11B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California. This is an automatically generated confirmation of your DigAlert.

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This is not a certified copy of the ticket.

Ticket: A190280541 Rev: 11B Created: 10/08/19 07:47 User: DIRECT Chan: WEB

Work Start: 10/08/19 07:47 Legal Start: 10/08/19 07:47 Expires: 11/05/19

23:59

Response required: N Priority: 2

Excavator Information Company: ARB, INC

Co Addr: 26000 COMMERCENTRE DRIVE

: LAKE FOREST City State: CA Zip: 92630 Created By: NICK TASICH Language: ENGLISH SMS/Cell: 310-874-9612 Office Phone: 310-874-9612

Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ

Site Phone: 661-343-1481 Site SMS/Cell:

Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON

Zip:

Location: Address/Street: 10711 DALE AVE

: X/ST1: STANDUSTRIAL ST

: IN REAR OF ADDRESS : ** CALL WITH ETA **

Delineated Method: WHITEPAINT

Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION

Work For : WELLHEAD ELECTRIC

Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017 : 33.806210/-117.984990 33.806217/-117.984002

Excavator Provided:

Map link:

https://newtin.digalert.org/newtinweb/map tkt.nap?TRG=4Bw13t24p7o1p4u-t

```
**RESEND**UPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:14]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:18]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58
AM l
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**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 06/24/2019 06:53
AM]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 07/19/2019 07:55
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48
AM l
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 09/10/2019 02:55
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 10/08/2019 07:47
AM]
Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929 GAR01 C/OF GARDEN GROVE-WATER LES RUITEMSCHILD 714-290-8986
                                                                       714-290-8986
MWD05 METROPOLITAN WATER
                                         CONTROL ROOM
                                                                       714-577-5011
SCG28T SC GAS BREA -TRANSMISSION
SCG2XN SC GAS - GARDEN GROVE
                                         ADAM JUAREZ
                                                                       714-634-3196
                                          LEAD DISPATCHER - CHUCK 800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART
                                                                       310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR) GILBERT ESTRADA
                                                                      562-547-
7073xCELL
UCHTRW_C5 UTIL/SPECTRUM GG - CATV SPECTRUM DAMAGE ONLY USCE03 UTILIQUEST 4 SCE-NO OR COAST SC EDISON PERSONNEL
                                                                      844-780-6054
                                                                       800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC
                                                                       800-655-8844
```

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From: noreply@digalert.org ntasich@prim.com To:

Subject: DigAlert Confirmation for Ticket A190280543-11B

Date: Tuesday, October 8, 2019 7:47:26 AM

EXTERNAL EMAIL

EMLCFM 00252B USAS 10/08/19 07:47:35 A190280543-11B RNEW NORM POLY LREQ

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Ticket: A190280543 Rev: 11B Created: 10/08/19 07:47 User: DIRECT Chan: WEB

Work Start: 10/08/19 07:47 Legal Start: 10/08/19 07:47 Expires: 11/05/19

23:59

Response required: N Priority: 2

Excavator Information Company: BILL'S BACKHOE Co Addr: 13203 BARLIN AVE

: DOWNEY City State: CA Zip: 90242 Created By: NICK TASICH Language: ENGLISH SMS/Cell: 310-874-9612 Office Phone: 310-874-9612

Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ

Site Phone: 661-343-1481 Site SMS/Cell:

Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON

Zip:

Location: Address/Street: 10711 DALE AVE

: X/ST1: STANDUSTRIAL ST

: IN REAR OF ADDRESS : ** CALL WITH ETA **

Delineated Method: WHITEPAINT

Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION

Work For : WELLHEAD ELECTRIC

Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017 : 33.806210/-117.984990 33.806217/-117.984002

Excavator Provided:

Map link:

https://newtin.digalert.org/newtinweb/map tkt.nap?TRG=CBDmGqHp6nAf9qE-V

```
**RESEND**UPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:14]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:18]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58
AM l
```

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**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 06/24/2019 06:53
AM]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 07/19/2019 07:55
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48
AM l
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 09/10/2019 02:55
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 10/08/2019 07:47
AM]
Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929 GAR01 C/OF GARDEN GROVE-WATER LES RUITEMSCHILD 714-290-8986
                                                                       714-290-8986
MWD05 METROPOLITAN WATER
                                         CONTROL ROOM
                                                                       714-577-5011
SCG28T SC GAS BREA -TRANSMISSION
SCG2XN SC GAS - GARDEN GROVE
                                         ADAM JUAREZ
                                                                       714-634-3196
                                          LEAD DISPATCHER - CHUCK 800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART
                                                                       310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR) GILBERT ESTRADA
                                                                      562-547-
7073xCELL
UCHTRW_C5 UTIL/SPECTRUM GG - CATV SPECTRUM DAMAGE ONLY USCE03 UTILIQUEST 4 SCE-NO OR COAST SC EDISON PERSONNEL
                                                                      844-780-6054
                                                                       800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC
                                                                       800-655-8844
```

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From: noreply@digalert.org ntasich@prim.com To:

Subject: DigAlert Confirmation for Ticket A190280551-11B

Date: Tuesday, October 8, 2019 7:47:28 AM

EXTERNAL EMAIL

EMLCFM 00253B USAS 10/08/19 07:47:37 A190280551-11B RNEW NORM POLY LREQ

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This is not a certified copy of the ticket.

Ticket: A190280551 Rev: 11B Created: 10/08/19 07:47 User: DIRECT Chan: WEB

Work Start: 10/08/19 07:47 Legal Start: 10/08/19 07:47 Expires: 11/05/19

23:59

Response required: N Priority: 2

Excavator Information

Company: ORTIZ ENTERPRISE INC Co Addr: 6 CUSHING #200

: LAKE FOREST City State: CA Zip: 92618 Created By: NICK TASICH Language: ENGLISH SMS/Cell: 310-874-9612

Office Phone: 310-874-9612 Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ

Site Phone: 661-343-1481 Site SMS/Cell:

Site Email:

Excavation Area

State: CA County: ORANGE Place: STANTON

Zip:

Location: Address/Street: 10711 DALE AVE

: X/ST1: STANDUSTRIAL ST

: IN REAR OF ADDRESS : ** CALL WITH ETA **

Delineated Method: WHITEPAINT

Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION

Work For : WELLHEAD ELECTRIC

Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long

Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017 : 33.806210/-117.984990 33.806217/-117.984002

Excavator Provided:

Map link:

https://newtin.digalert.org/newtinweb/map tkt.nap?TRG=CBDmGqHp6n7k0lD-a

```
**RESEND**UPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:14]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:18]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58
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AM l

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**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 06/24/2019 06:53
AM]
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 07/19/2019 07:55
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48
AM l
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 09/10/2019 02:55
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 10/08/2019 07:47
AM]
Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929 GAR01 C/OF GARDEN GROVE-WATER LES RUITEMSCHILD 714-290-8986
                                                                       714-290-8986
MWD05 METROPOLITAN WATER
                                         CONTROL ROOM
                                                                       714-577-5011
SCG28T SC GAS BREA -TRANSMISSION
SCG2XN SC GAS - GARDEN GROVE
                                         ADAM JUAREZ
                                                                       714-634-3196
                                          LEAD DISPATCHER - CHUCK 800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART
                                                                       310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR) GILBERT ESTRADA
                                                                      562-547-
7073xCELL
UCHTRW_C5 UTIL/SPECTRUM GG - CATV SPECTRUM DAMAGE ONLY USCE03 UTILIQUEST 4 SCE-NO OR COAST SC EDISON PERSONNEL
                                                                      844-780-6054
                                                                       800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC
                                                                       800-655-8844
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Note!: This email originated from outside our organization. Be cautious when opening Links and Attachments that you were not expecting.

Attachment 21 - COM-11 Reporting of Complaints, Notices, and Citations

SERC COMPLAINT REPORT AND RESOLUTION LOG

Incident #	Incidents Occurred this Period	Resolution Actions Taken	Status of Unresolved Actions form Previous MCR's
01	Complaint about Track-out on Dale Ave.	All construction equipment vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering Dale Ave.	N/A
		Additional gravel was added to the existing ramps at the tire washing/cleaning station	
		2. Additional laborers were assigned to the Dale Ave entrance when there is a risk of any track-out to scrape and sweep immediately. A Sweeping machine is being kept on location and be used as necessary to clean up all track-out.	
		3. The assigned laborers will also be sweeping the rumble plates when build-up occurs to maintain the efficiency of the plates.	
		4. Above and beyond, the contractor added another set of rumble plates and gravel at the Dale Ave. entrance.	
02	Noise Complaint	SERC received a noise complaint at 9:33am on Friday, April 5, 2019. The complaint came from a Mr. Hill who lives at the Katella Mobile Home Estates located at 10800 Dale Ave, Stanton, CA. Mr. Hill complained about the use of a chainsaw at 3:10 am on Saturday morning (3/30/19) and hearing an air compressor and the hammering of nails at 3:25 am on Monday morning (4/1/19). Representatives from SERC spoke with Mr. Hill at 2:19pm on Friday April 5 th to better understand his complaint.	
		SERC investigated the incident with ARB and confirmed that there was no activity on the SERC site during these hours. The Noise Complaint Resolution Form (COC NOISE 2) was submitted to the CPM documenting the complaint.	

Attachment 22 – MECH-1 CBO Inspection Approvals



INSPECTION RESULT

INSPECTION I	MADE: SERC_16-	-AFC-01_13.8KV Switcho	gear FND_20191016
DATE / TIME: _	10/16/2019 @ 1:3	30 pm INSPECTOR:	Ed Puccetti
ÄAPPROVEI □ DISAPPRO □ REINSPEC	_	□ <i>A</i>	AT RISK PHASE PASS
SIGNATURE:	AN ANCHARGE — ENTERED — are made and any residuation of a are made and any residuation of a are failed and any residuation of a any residuati	Digitally signed by Edward Puccetti Date: 2019.10.17 14:04:50 -07'00'	DATE: 10/16/2019

COMMENTS:



INSPECTION RESULT

INSPECTION MAI	DE: SERC_16-AFC-01_CABLE T	RAY SUPPORTS & LADDER PADS AT	WATER TREATMENT_2019
DATE / TIME: 10	0/09/2019 _{INSPECT}	o _{R:} Puccetti	
ÄAPPROVED □ DISAPPROVE □ REINSPECTION		□AT RISK □PHASE PASS	
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019-10.09 13:50:16 -07'00'	DATE: 10/09/2019	

COMMENTS:



INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Catch Basin Weir CB-9_20191016				
DATE / TIME:	/16/2019 @ 1:30 pm	INSPECTOR: Ed	Puccetti	
ÄAPPROVED □ DISAPPROVI□ REINSPECTI	ED	□AT RIS □PHASI	SK	
SIGNATURE:	Edward	19.10.17	DATE: 10/16/2019	

COMMENTS:



INSPECTION RESULT

INSPECTION MA	DE: SERC_16-AF	FC-01_Concrete Pav	ement_20191016
DATE / TIME:	/16/2019 @ 1:30 p	om INSPECTOR	Ed Puccetti
△APPROVED			AT RISK PHASE PASS
SIGNATURE:	Ed ^a	gitally signed by Iward Puccetti ate: 2019.10.17 :17:12 -07'00'	DATE: 10/16/2019

COMMENTS:



INSPECTION RESULT

INSPECTION MAD	DE: SERC_16-AFC-01_ERU Pui	rge & Tempering Air Blower FND_2019102	23
DATE / TIME : 10/	23/19 1:30 pm INSPEC	TOR: Ed Puccetti	
ÄAPPROVED □ DISAPPROVE □ REINSPECTIO		□AT RISK □PHASE PASS	
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.10.25 06:53:39 -07'00'	DATE: 10/25/19	

COMMENTS:

Approved with no exceptions taken



INSPECTION RESULT

INSPECTION MAD	E: SERC_16-AFC-01_Foundat	ion Expansion RFI 239_20191023
DATE / TIME:	24/19 10:00 am INSPEC	ток: Ed Puccetti
△APPROVED	D	
□ DISAPPROVE□ REINSPECTION		□PHASE PASS
- KLINGF LOTIC	NA INEQUINED	
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.10.25 06:49:32 -07'00'	DATE: 10/25/19
COMMENTS:		

RFI approved:

Approved no exceptions taken

Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

550818-0000020 PROJECT #:



MEMORANDUM - DCBO CONDITIONAL APPROVAL

DATE: October 15, 2019

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Jason Miller, P.E., Senior Mechanical Engineer

NV5, Inc.

jason.miller@nv5.com

909.802.4411

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SERC_16-AFC-01_MECH-2-1.0_PRESSURE VESSEL EVAL_9.25.19_190927_PCF SUBMITTAL:

MEMORANDUM:

This memorandum is to inform you that NV5, the Delegate CBO for the STANTON ENERGY RELIABILITY CENTER (16-AFC-01), has reviewed the subject submittal for compliance with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

This package has been given a Conditional Approval. Final CBO approval is conditioned upon satisfaction of the following:

1. Submit for CBO review and approval an "APPLICATION FOR ALTERNATIVE MATERIALS, DESIGN, AND METHODS OF CONSTRUCTION AND EQUIPMENT", which itemizes all of the proposed pressure vessels that were designed and constructed to the 2009 ASME BPVC-VIII. The application must also certify that the subject vessels still comply with the 2017 edition of the ASME BPVC-VIII. Certification may be achieved through appending a copy of the EOR (POWER Engineer's) "MECH-2 Pressure Vessel Evaluation" letter dated September 25, 2019.

Should you have any questions or need additional information, please feel free to contact me.



INSPECTION RESULT

INSPECTION MA	DE: SERC_16	S-AFC-01_Site Area	a Paving @ CTG	G#1 Area_20191030
DATE / TIME:	/30/2019 @ 1:3	30 pm INSPEC	TOR: Ed I	Puccetti
ՃAPPROVED □ DISAPPROVI □ REINSPECTI		RED	□AT RISI □PHASE	
SIGNATURE:	AND AND IN-APPORT THE SECRETARY OF THE	Digitally signed by Edward Puccetti Date: 2019.10.31 12:23:16 -07'00'		DATE: 10/31/2019

COMMENTS:

Approved with no exceptions taken



INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Site Area Paving CTG #2 Area_20191028				
DATE / TIME:	0/23/2019 @ 1:30 pm INSPEC	TOR: Ed Puccetti		
ÄAPPROVED □ DISAPPROV □ REINSPECT	'ED ION REQUIRED	□AT RISK □PHASE PASS		
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.10.31 12:08:14 -07'00'	DATE: 10/31/2019		

COMMENTS:

Approved no exceptions taken



INSPECTION RESULT

INSPECTION MA	DE: SERC_16	-AFC-01_Turbine	removal FND_2	0191016
DATE / TIME: 1	0/16/20	19 INSPECTOR: Ed Puccetti		
ՃAPPROVED □ DISAPPROVI □ REINSPECTI		RED	□AT RIS	
SIGNATURE:	ARA MAX SHAPORT: — BATA STREET: are to consider only to the coloration for a construction of the coloration for any coloration of the co	Digitally signed by Edward Puccetti Date: 2019.10.17 14:20:30 -07'00'		DATE: 10/16/2019

COMMENTS:

End Report