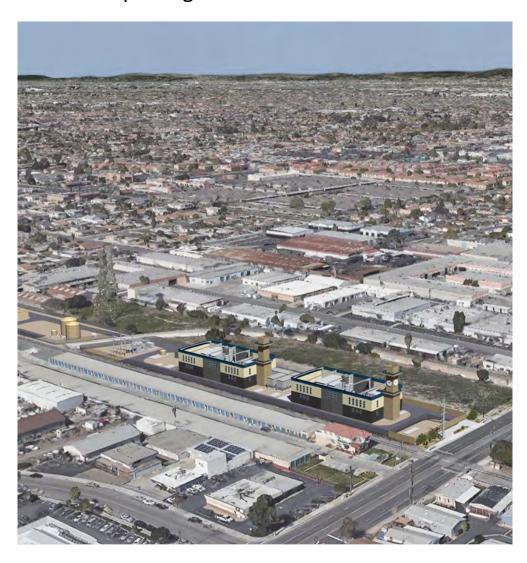
DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	231297
Document Title:	Stanton Energy Reliability Center MCR No 10
Description:	Monthly Compliance Report
Filer:	John Heiser
Organization:	Wellhead
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Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01 Monthly Compliance Report No. 10 Reporting Period: November 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC) Submitted December 15, 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	February, 2020
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	January 2020
Synchronization with Grid and Interconnection	March 2, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	August 2019
Complete Gas Pipeline Construction	January 2020
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: November 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).

November has been another productive month for setting equipment and erection on Parcel 1. Erection work has focused on installing Unit 1 Combustion Turbine (CT), Emission Reduction Unit (ERU) module erection and setting miscellaneous equipment around Unit 1. Switchyard erection by Newton's crew is complete and on schedule.

During October 2019, the general contractor awarded the Startup and Commissioning activity to Universal Energy (UEI). On November 21, 2019 a commissioning kick-off meeting was held.

SERC is working with the City of Stanton and Power Engineering on a design for the sewer interconnection. On November 4, 2019 the encroachment permit for sewer interconnection was issued by the City of Stanton.

As of 12/2/2019, 11,350 feet of the natural gas line pipe has been installed. In-service date is anticipated mid-February 2020. Gas in-service date expected by mid-February 2020.

Barre substation construction activities are in progress and scheduled to complete in January 2020. Gen-tie construction on SCE property and pulling of conductors is in progress and scheduled to complete in January 2020. In-service testing is scheduled for early February 2020. SCE anticipates beginning work in SERC's Skip Substation by January 6, 2020. Estimated back feed into Skip Substation is forecast to begin February 7, 2020.

Battery Energy Storage System (BESS) construction has not yet commenced. 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 November 2019.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	82%
BESS Design	70%

Procurement	
Owner Supplied Equipment	100%
Contractor Supplied Equipment	93%
Construction	
Power Island	65%
BESS	1%

1.1 Engineering

Through the month of November 2019, Power Engineers evaluated the following: ARB change order for surfacing and grading; request for welding to EGT structural steel; stack sheeting plan. Jarod Miller submitted updated hydrology calculations in November. Power Engineers completed and issued the following: 15-kV switchgear relay settings; 480V MCC main breaker LSI settings and 480V electronic overload settings; relay settings report. Power Engineers updated and issued ER001-001 per SCE easement package and SERC comments for DCBO review package. For the supervisory control system, Power Engineers continued with the development of logic for the interface to the gas turbine (load control) and to the hybrid control system and received an example of the Prosoft card speed logic.

For the BESS system, in November, Power Engineers received direction from SERC to tie-in to plant supervisory control system at the water treatment network switch. Power Engineers submitted to platform supplier additional design information regarding parapet, gutters, lighting and lightning air terminal strategy, for incorporation into platform calculations. Jarod Miller provided an updated hydrology report on the west parcel and Power Engineers commenced modifications to all civil drawings impacted by the updates.

November site visits included a visit to prepare the DCBO required site report, a visit by the electrical engineer to resolve questions with the contractor, and a visit to discuss detailed electrical issues with GE documentation. A BESS coordination meeting was held with SERC at Power Engineers offices.

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

- Continued coordination with SERC staff to finalize terminations for: communications circuits; GE wiring schemes and interpretation of GE drawings for contractor; fire system.
- Submitted final wiring terminations Parts 5 and 6.
- Continued working on wiring terminations and final cable types for special systems

 Part 7.
- Received "gas tops" system location information for use in preparing a descope electrical list for west parcel.
- Coordinated with GE to add another panelboard for area lighting and convenience receptacles.
- Coordinated BESS foundation calculated settlement and bearing pressures with geotechnical engineer.
- Reviewed application for alternative materials requested by SREC.

- Coordinated with building supplier on structural design of overhead platform, exchanging load and foundation information specifics.
- Received new or updated drawings from GE to include: one-line drawing; control system architecture diagram; cable summary; UPS calculations for structural analysis; HPSU calculations package; lightning protection.
- Continued to receive contractor request for information and respond.
- 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) is currently 100% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 93% complete. Major procurement activities completed by construction contractor in November did not change during this reporting period however the following items were received:

Received Unit 1 and Unit 2 Power Block Enclosures

1.3 Construction

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

- Continued to erect Parcel 1 equipment with the 999 Crane and demobilized crane
- Continued work on minor foundations at ERU1, ERU2, and CT1Completed erection of ERU#1 Modules and Stack

Safety:

The month of November was completed with no 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 16,542 man-hours without a lost time or recordable incident. To date, the project has worked 116,594 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:

- Excavation and backfill for miscellaneous foundations at Unit 2 and 1Parcel 1
- Continued installation of Storm Drain along South and North roads on Parcel 1
- Working on Site Paving

Piping:

• Continued installation of Aboveground (AG) pipe at Unit 1 and Unit 2 areas

Completed pipe installation in the Water Treatment area

Structural:

- Completed Unit 2 ERU Aux Foundations
- Erected miscellaneous platforms and grating
- Started erection of Power Block Enclosure for Unit 2

Electrical:

- Continued receipt of Cable on site
- Installed AG conduit on equipment as it is being set
- Grounding of AG Equipment and structures
- Completed Switchyard Structure Erection
- Continued to pull cable at Unit 2

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion has been forecasted from February 28, 2020 to March 1, 2020 as shown in the November 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-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-5: During the reporting period 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. 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 was one proposed change to the drainage structures and the grading that was approved by the CBO on October 16. The written statement certifying that the documents have been approved by the CBO are provided in Attachment 5. There were no other proposed changes to 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 docketed on November 6, 2019.

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-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 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580 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: The cultural resource discoveries made on October 16, 2019 were cleared by the CEC staff on November 25, 2019.

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 three (3) approvals by the DCBO as indicated in Attachment 8.

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 and Unit 2, 13.8 kV Switchgear

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 no 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).

MECH-1: There were eight (8) 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-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 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. 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 8,490 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.

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 two (2) deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified in Attachment 17. The contractor has been notified to deliver these permits.

Additionally, we received four permits for items delivered from the month September that are included 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.

TRANS-4: During the reporting period project owner's general contractor applied for and received encroachment permits Pacific St and Dale Ave

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 and Unit 2, 13.8 kV Switchgear

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

WASTE-4: During this reporting period four (4) forty-yard bins of construction waste left the site, one (1) forty-yard waste metal bin and one (1) 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 November 2019.

Attachment 1 – COM-6 Project Schedule

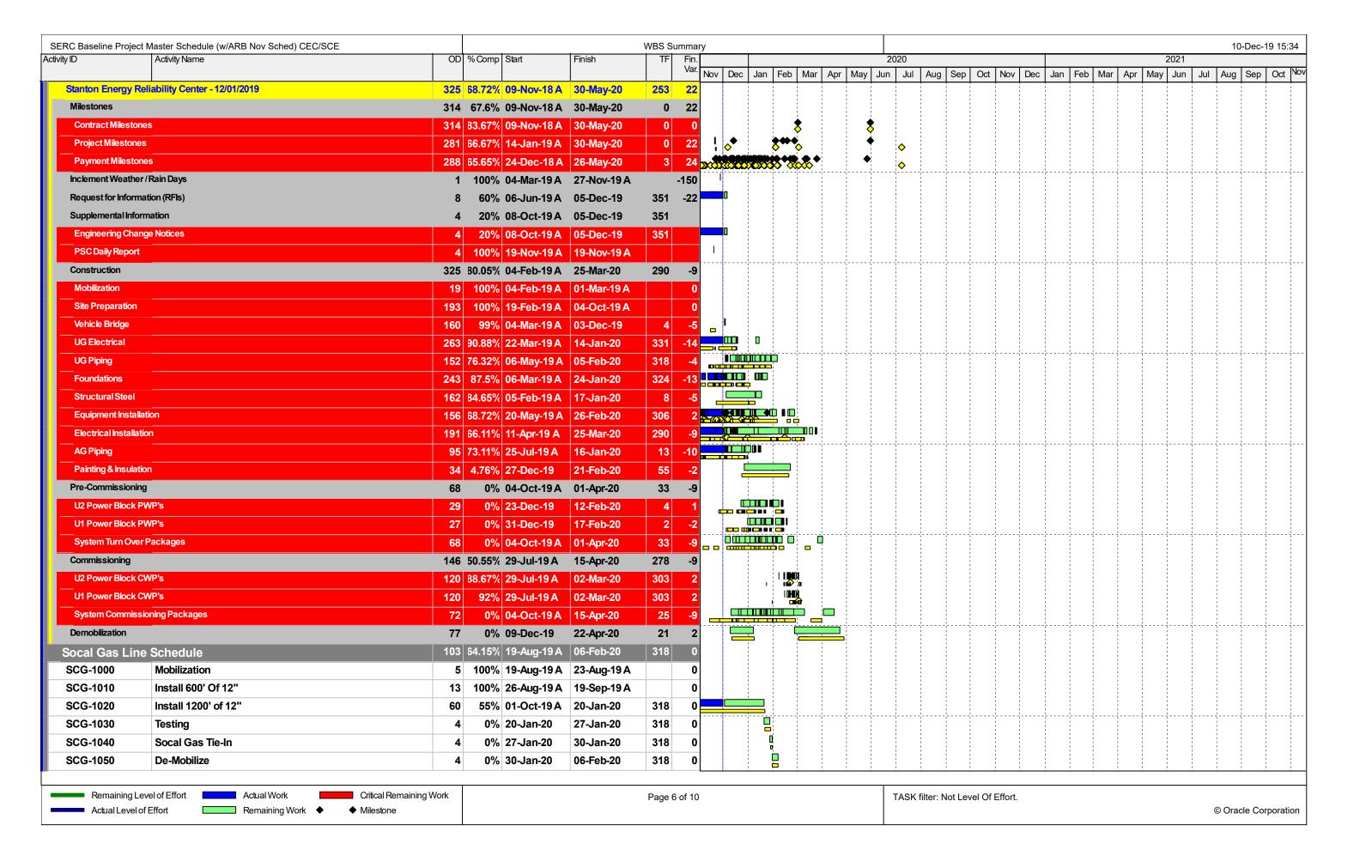
	ect Master Schedule (w/ARB Nov Sched) CEC/SCE				WBS Summ	ry												10-De	ec-19 1
ity ID	Activity Name	OD	% Comp Start	Finish	TF Fir	Nov Dec Jan	Feb Mar	Apr Ma	2020 av Jun J		Sen O	ct Nov D	ec Jan	Feh	Mar Ap	202 ² or May Ju		Aug Se	ep Oc
SERC Baseli	ne Project Master Schedule (w/ARB Nov Sched) &	876	59.53% 26-Oct-16 A	30-Aug-21	0 2	 	I I CD IVIAI	Aprilivie	ay Juli J	ui Aug	ОСР	Ct NOV D	cc Jan	100	iviai A	Ji Way Sui	Jour	Aug O	СРГОС
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Storage RAP	A Key Milestone	0	0% 01-Jun-20	01-Jun-20	253				Ĭ										
4	Expected Initial Delivery Date	0	0%	01-Jun-20*	253				*				1						-
GIA Key Mile	stones	34	0% 03-Feb-20	01-Apr-20	287									<u> </u>					
6	In-Service Date (Initial Backfeed - Liquidated Damages Fro	0	0%	03-Feb-20*	459		8						1						
7	Initial Synchronization Date/Trial Operation (No Later Than	0	0%	02-Mar-20*	304		8												
8	Commercial Operation Date (No Later Than)	0	0%	01-Apr-20*	160			\$					 						
Pre-construc	tion Activities	701	100% 26-Oct-16 A	16-Nov-19 A	-								 						
CEC Permitting		434	100% 26-Oct-16 A	12-Feb-19 A				-ii			-ii		 						
12	Presiding Members Proposed Decision (PMPD) issued	1	100% 08-Oct-18 A	08-Oct-18 A									!						
13	Full Commission Decision for Approval	0	100% 13-Nov-18 A																
15	CEC Decision Final (non-appealable)	0	100%	13-Dec-18 A						 			1 1 1				1		
14	Post-Approval 30-day appeal period	30	100% 13-Nov-18 A	13-Dec-18 A															
11	Application for Certification	782	100% 26-Oct-16 A	17-Dec-18 A									 						
Pre-Construction	n Compliance (CEC)	47	100% 13-Nov-18 A	12-Feb-19 A									!						
18	Limited Notice to Proceed (LNTP)	0	100%	31-Jan-19 A									: : :						
17	Compliance submittals necessary to get a Limited Notice	69	100% 13-Nov-18 A	31-Jan-19 A									1						
20	Full Notice to Proceed (FNTP)	0	100% 12-Feb-19 A																
19	Compliance submittals necessary to get a Full Notice to P	83	100% 13-Nov-18 A	12-Feb-19 A				1 1	1 1				 						
SCAQMD Air Pe	ermit	0	0% 15-Nov-18 A	15-Nov-18 A															
22	SCAQMD Authority To Construct (ATC) issued	0	100% 15-Nov-18 A							 			1 1 1				1		
Engineering		575	100% 29-Oct-18 A	29-Aug-19 A									1						
24	"Issued For Bid" Engineering Package for Contractor Prici	174	100% 31-Oct-18 A	31-Oct-18 A						i ! !			1 1 1						1
25	Further Develop Engineering to Signed and Stamped Plan	575	100% 31-Oct-18 A	17-Dec-18 A															
26	Receive Signed and Stamped Plan Set	1	100% 17-Dec-18 A	17-Dec-18 A									 						
27	Vehicle Bridge Engineering	45	100% 29-Oct-18 A	18-Jan-19 A									!						
28	BESS & EGT Integration Engineering	105	100% 02-Jan-19 A	22-Feb-19 A									: : : :						
29	Assemble Engineering into CBO submittal packages	148	100% 11-Dec-18 A	29-Aug-19 A									1						
Real Properties	or Land Control	394	100% 06-Aug-18 A	25-Feb-19 A									!						
31	Valov Lease Agreement Executed	0	100%	06-Aug-18 A									1						
34	Sewer Service Connection Permit	16	100% 31-Dec-18 A	28-Jan-19 A															
33	Water Service Connection Permit	16	100% 31-Dec-18 A	28-Jan-19 A						i ! !			1 1 1						1
35	Orange County Public Works (OCPW) Encroachment Agre	4	100% 03-Dec-18 A	01-Feb-19 A					1 1								! ! !		
32	SCE Easement Consent		100% 31-Dec-18 A					1 1			1 1		1				1		!
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38	Effective Date of Turbine Supply Contract	0	100%	22-Feb-18 A		0														
39	Engineering Received from Manufacturer	45	100% 22-Feb-18	A 11-May-18 A		0							!			1			1	
40	Order of Long Lead Time Items	0	100% 23-May-18	Α		0														
41	FNTP	0	100% 23-Aug-18	A		0														
43	Receipt of Notice of Ready to Ship (RTS)	0	100%	11-Apr-19 A		0							!							
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 21-May-19 A		0										i !				
A1000	Transportation From FCA Delivery Point To Site	40	100% 21-May-19	A 01-Aug-19 A		0														
Emissions Reduc	ction Unit (ERU)	356	100% 08-Feb-18	A 16-Nov-19 A		-1														
47	Effective Date of the ERU Supply Contract	0	100%	08-Feb-18 A		0							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									11-					
61	Approval of Engineering	0	100%	19-Jul-18 A		0													1	
55	Approval of Engineering	0	100%	27-Jul-18 A		0														
54	Release for Fabrication of Nox & CO Catalyst	0	100%	13-Aug-18 A		0							!						1	
53	Delivery of instalation proceedures	0		24-Aug-18 A		0														
60	Engineering Received from Manufacturer	0	100%	30-Aug-18 A		0										·				
52	Delivery of maintenance proceedures	0		07-Sep-18 A		0					1		1			 			1	
59	Approval of Engineering	0		13-Sep-18 A		0														
58	FNTP	0				0							 			 			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			0														
51	Manufacturer Time (FNTP-Delivery)	123	100% 15-Feb-19	A 18-Jun-19 A		0							 			 			1	
49	NOx & CO Modules	0	100%	14-Oct-19 A		0														
50	Delivery/Goods Received (Duct, Stack, Silencer)	59	100% 01-Jul-19 <i>A</i>			0														
A1030	Transportation Of ERU Materials	4	100% 01-Jul-19 A			-1							!						1	
	Jp Transformer (GSU)	194	100% 29-Jun-18			0														
64	LNTP/PO Date		100%	29-Jun-18 A		0							 			 			1	
66	FNTP		100% 20-Sep-18			0														
65	Engineering Received from Manufacturer	56				0														
67	Manufacturer Time (FNTP-Delivery)		100% 20-Sep-18	-		0							! ! !			!			!	1
69	Delivery/Goods Received At Site	0		31-May-19 A		0														
Vehicle Bridge	•		100% 01-Nov-18			0													1	1
71	LNTP/PO Date	_	100% 01-Nov-18			0					1		!			 			1	!
73	FNTP	0		07-Jan-19 A		0					: ! !		; 1 1 1			i ! !	1		1	! ! !
72	Engineering Received from Manufacturer	32				0					!		 			!			!	1
74	Manufacturer Time (FNTP-Delivery)		100% 08-Jan-19			0												ļ		

yID	ct Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name	OD	% Comp	Start	Finish		n.				2020								2021			-19 1
							Nov Dec	Jan Feb	Mar Apr	May	Jun J	ul Aug	Sep C	Oct Nov	Dec	Jan F	eb Ma	r Apr M	lay Jun	Jul Au	g Sep	0
75	Delivery/Goods Received	0	100%	0	22-Mar-19 A		0															
Balance Of Plant	OSE	119	100%	6 01-Jul-18 A	01-Apr-19 A		0															
78	Place BOP OSE Purchase Orders	180	100%	6 01-Jul-18 A	28-Dec-18 A		0															
79	Available for delivery to the Project Site	0	100%	6 01-Apr-19 A			0			1 1 1 1 1 1							!					-
Construction Co	ntracting	97	100%	6 03-Sep-18 A	24-Jan-19 A		0															1
81	Receive Initial Bids from Construction Contractors	0	100%	6 03-Sep-18 A			0															
82	Review Initial Bids	30	100%	6 04-Sep-18 A	04-Oct-18 A		0										!					1
84	Achieve Commercial Lockdown	0	100%	0	26-Nov-18 A		0															
83	Short list two construction contractors and negotiate draft	28	100%	6 04-Oct-18 A	26-Nov-18 A		0															
86	Final Bids Turned In	0	100%	0	14-Dec-18 A		0															
85	Contractor Pricing Refresh	18	100%	6 26-Nov-18 A	14-Dec-18 A		0															
87	Review Final Bids / Select Contractor	2	100%	6 14-Dec-18 A	20-Dec-18 A		0							! ! !								
89	Make executed construction contract available in the SER	0	100%	6	21-Dec-18 A		0							!								-
88	Execute Construction Contract	0			21-Dec-18 A		0		!		1			!			!				1	
90	Provide Notice To Proceed to Contractor	0	100%		24-Jan-19 A		0		-													
Project Finan		176		6 16-Oct-18 A	24-Jan-19 A		0							!								-
92	Provide Mandate to Helaba	ļ		6 16-Oct-18 A			0							1							!	
93	Perform Dilligence	1		6 16-Oct-18 A	14-Jan-19 A		0		; ; ;					! ! !			i ! !				i ! !	1
94	Develop Loan Documentation	4		6 16-Oct-18 A			0							1								
95	Financial Close	0		6 24-Jan-19 A			0															
EC Complia	nce			√ 19-Dec-18 A	30-Aug-21	0	2															
CBO Activity				19-Dec-18 A		291	0			1 1 1 1 1 1							1					1
99	CBO Kick off Meeting		100%		19-Dec-18 A		0															
98	CBO Contract Execution			6 19-Dec-18 A			0															
CBO performanc				% 26-Dec-18 A		291	0															
101	Review and approve Pre-construction submittal			6 26-Dec-18 A			0															
103	Perform Plan Check of Submittals				04-Nov-19 A		0							!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!							1	1
102	Inspector On Site			6 04-Feb-19 A		523	0							!								
CEC Compliance				€ 20-Jul-19 A			1		-													!
Air Quality				€ 31-Oct-19 A		82	1							 -								1
AQ-1010	AQ-D1b - Initial Source Test			6 31-Oct-19 A			0										;					
AQ-1015	AQ-D1b - Initial Source Test	0		6 06-Feb-20		457	1	•						1								
AQ-1013 AQ-1020	AQ-D2 - Operations Source Test	0		6 04-May-20		387	<u>.</u>	\Q		•				 			1				1	1
AQ-1020 AQ-1170	AQ-K1 - Source Test Results	0		6 10-Jun-20		357	1			>	•			!			!		:		1	1
AQ-1170 AQ-1100	AQ-N1 - Source Test Results AQ-D5 - CEMS for NOx	0		6 10-Jun-20		357	1				>		 	 								
	AQ-D4 - CEMS for CO	0					1				ŏ			! ! !			1				1	!
AQ-1080				6 10-Jun-20		357	1				♦			1								
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0		6 01-Oct-20		267	1						ŏ				;					!
AQ-1000	AQ-D1a - Initial Source Test	0	0%	6 01-Oct-20		267	1						₹	-								-

ty ID	Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name	OD	% Comp Start	Finish	TF	Fin.							2020)									202	21			
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AQ-1050	AQ-D3 - NH3 Source Test	0	0% 20-May-21		82	-1					 												8				
Biological			60.06% 31-Jul-19 A	12-Nov-20	233	0											!										
BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoi		100% 31-Jul-19 A			0		į																			
BIO-1050	BIO-8b - Preconstruction Nest Survey Letter Report	0	100% 19-Aug-19 A	\		0													İ								
BIO-1040	BIO-8a2 - Pre-Construction Nest Surveys and Impact Avoi	0	100% 19-Aug-19 A	\		0				1							!										
BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusion in	0	100% 19-Sep-19 A	\		0																					
BIO-1020	BIO-7b - General Impact Avoidance and Mitigation Measur	0	0% 08-May-20		383	0		1		 		\$		1			 	-	1								
BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0	0% 08-May-20		383	0				!		\$!										
BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on File	0	0% 12-Nov-20		233	0											1	>									
Civil		0	0% 23-Apr-20	23-Apr-20	395	4											1										
CIV-1010	CIVIL-4a - Final Grading Plan Approval	0	0% 23-Apr-20		395	4		 			•	,		1		-	1		1					1	1		1
Communication		0	0% 17-Jan-20	17-Jan-20	473	0																					
COM-1020	COM-12b - Emergency Response Site Contingency Plan	0	0% 17-Jan-20		473	0			\$; ; ;							; ; ;		: ! !								1
Cultural		90	0% 23-Apr-20	13-Aug-20	305	4		1						1		-	1		!		-			!			1
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from	0	0% 23-Apr-20		395	4					•																
CUL-1010	CUL-4b - Final Cultural Resources Report	0	0% 13-Aug-20		305	4									\$				İ								1
General		90	0% 01-Apr-20	22-Jul-20	323	19						 										1		1			
GEN-1030	GEN-8b - Plan and Specification Storage	0	0% 01-Apr-20		413	0				1	\$!										
GEN-1000	GEN-1a - Certificate of Occupancy	0	0% 28-Jun-20		342	38							•		♦				İ								
GEN-1010	GEN-1b - Certificate of Occupancy	0	0% 07-Jul-20		335	31		1		1 1			•	.	♦	-	!	-	1					1	!		1
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0% 22-Jul-20		323	0				1				8													
Hazardous		141	100% 20-Jul-19 A	12-Jan-20	477	-1					-ii	-							i							jj	
HAZ-1080	HAZ-8a - Operations Site Security Plan	0	100% 20-Jul-19 A			0											!										
HAZ-1000	HAZ-2a - Final HMBP and SPCC	0	100% 20-Jul-19 A			0																					
HAZ-1060	HAZ-6a - HazMat Transport Route Restrictions	0	100% 28-Jul-19 A			0		1		 				1			! ! !	-	1					!	!		1 1
HAZ-1010	HAZ-2b - Final Risk Management Plan	0	100% 29-Jul-19 A			0											!										-
HAZ-1070	HAZ-6b - Route Restrictions, New Vendor	0	100% 23-Aug-19 A	\		0																					
HAZ-1050	HAZ-5 - Transport Vehicle Specifications	0	100% 04-Nov-19 A			-1		1		1							1		1					1			1
HAZ-1040	HAZ-4 - Ammonia Storage Tank Design	0	100% 04-Nov-19 A	\		-1																					-
HAZ-1030	HAZ-3 - Aqueous Ammonia Safety Management Plan	0	100% 04-Nov-19 A			-1																					
HAZ-1020	HAZ-2c - Final Risk Management Plan	0	100% 04-Nov-19 A			-1		 		 				1		-	1		1 1 1					 	1		1 1
HAZ-1090	HAZ-9 - Fuel Gas Pipe Cleaning	0	0% 12-Jan-20		477	-1		8																			
Mechanical	· -	113	100% 24-Aug-19 A	12-Jan-20	477	-1		•		1							1										1
MECH-1000	MECH-2a - Pressure Vessel Installation		100% 24-Aug-19 A			0		1		1				1			 		!					!			1
MECH-1020	MECH-3b - HVAC Plans	0	0% 12-Jan-20		477	-1		8									1										1
MECH-1010	MECH-3a - HVAC Plans	0	0% 12-Jan-20		477	-1		8		1 1 1				1			; ! !	ĺ	1		!			1	; ; ;	;	1
Noise		15	0% 04-Apr-20	23-Apr-20	395	4		-																			
NOI-1030	NOISE-5 - Occupational Noise Survey	0	0%	04-Apr-20	410	4				1	•						1		1								
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							Var.	Nov Dec Jai	n Feb Mar	Apr Ma	ay Jun	Jul Aug	Sep (Oct No	v Dec	Jan F	Feb M	ar Apr	r May	Jun J	ul Aug	Sep	0
NOI-1010	NOISE-4a - Operational Noise Survey	0	0% 0	4-Apr-20		395	4			\												-	
NOI-1020	NOISE-4b - Noise Survey Summary Report	0	0% 2	3-Apr-20		395	4			•												į	į
Paleo		60	0% 1	3-Aug-20	27-Oct-20	245	4		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		i ! !			
PAL-1000	PAL-7 - Paleontological Resources Report	0	0% 1	3-Aug-20		245	4				!	\$!						
PAL-1010	PAL-8 - Curation Entity/Curation Fees	0	0% 2	7-Oct-20		245	4				!			•									
Structural		0	0% 0	5-Nov-19 A	05-Nov-19 A		-2																
STR-1010	STRUC-4a - Tank and HazMat Vessel Design	0	100% 0	5-Nov-19 A			-2	>			1 1 1			 			 	1 1 1		 		1	1
Transmission		0	0% 2	7-Dec-19	27-Dec-19	489	0																1
TLSN-1010	TLSN-2 - Metallic Objects Grounded	0	0% 2	7-Dec-19		489	0	8													<u>j</u>	j	
Transportation		0	0% 1	2-Nov-20	12-Nov-20	233	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		i ! !			-
TNP-1000	TRANS-4b - Copies of Permits	0	0% 1	2-Nov-20		233	0							8				1		1			
Switchyard		458	0% 0	4-Feb-20	30-Aug-21	0	31																
TSE-1060	TSE-4b - Notice to CAISO	0	0% 0	4-Feb-20		458	0		*		i 1 1							1		 		-	
TSE-1050	TSE-4a - Notice to CAISO	0		1-Feb-20		452	0		***************************************					 									·
TSE-1090	TSE-5d - As-Built Drawings	0		8-Apr-20		399	0			\$													
TSE-1080	TSE-5c - As-Built Drawings	0		8-Apr-20		399	0			*	i 1 1						1	1					
TSE-1070	TSE-5b - As-Built Drawings	0		8-Apr-20		399	0			8	1			!			-	1		 			-
TSE-1020	TSE-2b - Final Switchyard Design	0		0-Aug-21		0	31															\ 	_
Visual	i o = = a · · · · · · · · · · · · · · · · ·	252		1-Jan-20	12-Nov-20	233	0					 										. 	
VIS-1010	VIS-2a - Screening Landscaping Plan	0		1-Jan-20		485	4	•															-
VIS-1000	VIS-1c - Notification that Treatment Completed	0		1-Apr-20		413	0			*	!												
VIS-1020	VIS-2c - Landscape Installation Timing	0		3-Apr-20		395	4			•	1 1 1							1		 			-
VIS-1030	VIS-2d - Landscaping Ready for Inspection	0		1-May-20		388	4			•													
VIS-1100	VIS-4h - Pre-COD Inspection	0		2-Nov-20		233								\$									
VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0		2-Nov-20		233	0				1 1 1			•				1		 		1	
Waste	vio 4d Egitting inoposition today, reduied to	137		4-May-20	12-Nov-20	233	0							~									
WASTE-1020	WASTE-1b - SMP Summary	0		4-May-20	12-1404-20	370	4				•												
WASTE-1020	WASTE-8a - Operation Waste Management Plan	0		2-Nov-20		233					\rightarrow			\$			1	1		 			1 1 1
Worker Safety	WASTE-Out - Operation Waste management Fall			8-Jul-19 A	25-Mar-20	419	0					 											
WRSF-1040	WORKER SAFETY-7c - Fire Protection System Specificati			8-Jul-19 A	25-IVIGI-20	713	0				1											į	
WRSF-1020	WORKER SAFETY-7a - Fire Protection System Specificati			8-Jul-19 A							! ! !			!				1		 			
WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA	0		0-Jan-20		479		•			1									1			1
WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0		0-Jan-20 0-Jan-20		479		\$) 			; ; ;		1	! ! !	1		; ; ; ;		1	1 1 1
WRSF-1050 WRSF-1010	WORKER SAFETY-2b - Detections H&S Program	0		2-Jan-20		479		 					 										
	·	-					-1	8			1												1
WRSF-1000	WORKER SAFETY-2a - Operations H&S Program WORKER SAFETY-8f.1 - Final UL Certification of ESS	0		2-Jan-20		477	-1	8			1 1 1						i ! !	1				1	1
WRSF-1080		0		5-Mar-20		419					1									1			1
WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS	0		5-Mar-20	00 14 00	419	0		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \														
IM6000 Constr	ruction Schedule	325	b8.72% 0	9-Nov-18 A	30-May-20	253	22											- 1		}	-		<u> </u>



'ID	Activity Name	OD	% Comp Start	Finish	TF	Fin.								2020										202				
						var.	Nov	Dec	Jan	Feb	Mar A	Apr I	May Ju	ın Ju	ıl A	ug S	ер О	t No	v De	c Jan	Feb	Mar	Apr	May Ju	un Ju	ıl Aug	Sep	С
	ection Schedule		68.71% 07-Apr-17 A	20-Aug-20	207	0			 											1								!
	eliability Center Integrated Schedule (PIN# 8016) - Update			20-Aug-20	207	0				ļ												ļļ	ļļ					.
Project Manageme			100% 07-Apr-17 A		320	0		1	! ! !		1		1 1 1							1 1 1			, I I I I					1
0110	PMWIF Issuance	0	100%	07-Apr-17 A		0			! ! !											1								-
0115	PMWIF Acceptance	0	10070	14-Apr-17 A		0														i			i					
0100	Issue ATP	0	10070	20-Mar-18 A		0		1	! ! !		1		1 1 1							1 1 1			, i i i i		!			1
0120	Customer Final Design	10		14-Dec-18 A		0				ļ													į <u>į</u>					
0130	Substation Designs Complete	0	100%	05-Feb-19 A		0			! !														i					
0125	Issued Drawings to CDM	0	100%	10-Apr-19 A		0			! ! !		1		i ! !							1 1 1								1
0105	Approved OD	0	0%	01-Feb-20*	0	0				\$			1							1								
Customer Milestor	nes	230	100% 14-Dec-18 A	01-Nov-19 A		0			! ! ! !																			
01205	Design Drawings Final	0	100%	14-Dec-18 A		0						<u>.</u> .					j]j	<u> </u>					<u>.</u>
01210	UG 66kV Duck Construction Complete	0	100%	01-May-19 A		0						1											-1					
01215	66kV Dead-End Rack Construction Complete	0	100%	01-Jul-19 A		0			 				1															
01220	Diverse Fiber Duct Construction Complete	0	100%	15-Aug-19 A		0		-	 				i 1 1							1 1 1			:					-
01225	Control House Ready for SCE Telecom Cabinets	0	100%	01-Oct-19 A		0			 											1								
01230	Ready for In-Service Testing	0	100%	01-Nov-19 A		0	•		! ! ! !																			
Environmental		150	100% 01-Aug-18 A	31-May-19 A		0			 											1								
0355	Environmental Process	150	100% 01-Aug-18 A	31-May-19 A		0			! ! !											1								
Substation		403	90.07% 25-Jan-18 A	24-Jan-20	5	0			' ! ! !											i i i								
Mirage Substation	n	227	100% 14-May-18 A	13-Jun-19 A		0			! ! !		1	-	! ! !							1 1 1			, i		!			
Engineering		130	100% 14-May-18 A	15-Apr-19 A		0			 											1								
01005	Preliminary Engineering	50	100% 14-May-18 A	30-May-18 A		0																						
01170	Final Engineering	80	100% 07-Aug-18 A	15-Apr-19 A		0		1	! ! !		1		1 1 1							1 1 1			, i i i i		1			
Construction	'	34	100% 16-Apr-19 A	31-May-19 A		0			! ! !																			
01015	UFLS Work Start	0	100% 16-Apr-19 A			0																						
01025	UFLS Work Finish	0	100%	31-May-19 A		0		1	 		1		1 1 1							1 1 1			, I		1			1
01020	UFLS Work	34	100% 16-Apr-19 A	31-May-19 A		0																						
Commissioning		10	100% 31-May-19 A	13-Jun-19 A		0			! !											1								
01000	Test & In-Service	10	100% 31-May-19 A	13-Jun-19 A		0		!	 - - -		1		1 1 1							1 1 1]					
Distribution Upgra	ndes at Barre Substation (SAP# 902360074)	365	B9.04% 14-May-18 A	24-Jan-20	5	0			 				1							1								
Engineering		145	100% 14-May-18 A	10-Apr-19 A		0			! ! !				i !							i ! !								
Preliminary Eng	gineering	20	100% 14-May-18 A	30-May-18 A		0				<u> </u>																		
01030	Preliminary Engineering	20	100% 14-May-18 A	30-May-18 A		0			 				1															
Final Engineerir		145	100% 04-Sep-18 A	-		0			' ! ! !											i i i								
01050	Final Engineering / Designs	34				0			 			1	 	-						1								1
01045	Structural Engineering / Design	100				0		!	! ! !			1	 							1								
01040	Civil Engineering / Design	47	-			0																						-
	3 11 3 11 3			1 1 1 1 1				1		1 1	!	1	1		1		1			1	1	1 1	1				1	

D	Activity Name	OD	% Con	mp Start	Finish	TF	Fin.								202											202				
							Var.	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May J	un Jı	lul Aug	Sep	, (
01035	Electrical Engineering / Design	66		18-Sep-18 A			0			1 1					- 1	1			1			1 1 1		1 1 1 1 1 1	1 1 1		1	1	1	1
01060	Qualitiy Assurance Review	23					0															1								
01255	Issue Structural Steel Package to CDM (SAP# 902306533)	0	100		28-Mar-19 A		0																		:					
01070	QA Corrections	25	100	% 11-Mar-19 A	10-Apr-19 A		0			i ! !		; ; ,		; ; ; !					; ; ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u>.</u>							i !		
01065	Issue Completed Package to CDM	0	100	1%	10-Apr-19 A		0																							
Procurement/M	aterials	198	100	% 21-Nov-18 A	30-Aug-19 A		0																							
01100	RE to Submit Major Material Order (CB)	0	100	1%	21-Nov-18 A		0									1						i !								
01085	Issue PO for Circuit Breaker	0	100	1%	03-Dec-18 A		0				1					1			1	1		1			:				1	1
01115	CB Delivered	0	100	1%	30-Aug-19 A		0															1			:					
01110	Procurement / Material Delivery	125	100	03-Dec-18 A	30-Aug-19 A		0								-						-									
Construction		174	79.89	9% 03-Jun-19 A	17-Jan-20	5	0			1 1						1			1			1 1 1			1 1 1 1		 	 	1	
01270	Summer Load and High Line Loading Period	100	100	% 03-Jun-19 A	25-Oct-19 A		0																		:					
01275	Outage Request	15	100	% 28-Oct-19 A	15-Nov-19 A		0																							
01078	Construction Start	0	100	% 19-Nov-19 A			-1	8		1	-					1			1			1 1 1			1 1 1		!	 	1	
01280	3ABank in Position 10 Offline	0	100	1%	20-Nov-19 A		-2	♦											 !						:					
01260	Install Structural Steel for 66kV Switchrack Position# 10 (20	50	% 20-Nov-19 A	13-Dec-19	30	0																							
01165	Construction Finish	0	0	1%	17-Jan-20	5	0			\$	-		!		- 1	1			1	!		1 1 1		1 1 1 1 1 1	1	-	!	1	1	1
01075	Built and Test Position 11	45	22.22	2% 19-Nov-19 A	17-Jan-20	5	0									:			!			1								
Commissioning		5	0	% 20-Jan-20	24-Jan-20	5	0																							
01080	Test & In-Service	5	0	% 20-Jan-20	24-Jan-20	5	0												 :											
Interconnection F	acilities at Barre Substation (SAP# 902360075)	388	B9.69	9% 25-Jan-18 A	24-Jan-20	5	0																							
Engineering		323	100	% 25-Jan-18 A	25-Oct-19 A		0			1 1	-		1			1		! ! !	1	!		1 1 1			 			1	1	
Preliminary Eng	jineering	21	100	% 25-Jan-18 A	30-Jan-18 A		0									1														
01090	Preliminary Engineering	21	100	% 25-Jan-18 A	30-Jan-18 A		0																							
Final Engineerin	ng / Design	302	100	% 04-Sep-18 A	25-Oct-19 A		0																							
01105	Structural Engineering / Design	70	100	% 04-Sep-18 A	05-Feb-19 A		0												!			!								
01095	Electrical Engineering / Design	66	100	% 18-Sep-18 A	05-Feb-19 A		0	-																						
01125	Issue Completed Package to CDM	0			10-Apr-19 A		0									1				1		i !							1	
01120	Quality Assurance & QA Corrections	51	100	% 06-Feb-19 A	10-Apr-19 A		0												!			!								
01130	Relay Settings (OD43)	30		% 16-Sep-19 A			0																		<u>-</u>					
Procurement/M		30		% 15-Apr-19 A			0			1	-		1			1						i 1 1		1 1	1			1	1	
01135	Procurement / Materials Delivery			% 15-Apr-19 A			0															1								
Construction	-			7% 29-Oct-19 A		5	0																							
01140	Construction Start			% 29-Oct-19 A			0			1												1			1				1	
01150	Construction Finish	0		1%	17-Jan-20	5	0			\$									<u></u>						<u>-</u>					
01145	Construction Duration			7% 29-Oct-19 A	17-Jan-20	5	0																							
Commissioning		5		% 20-Jan-20	24-Jan-20	5	0			-									!									!		
01155	Test & In-Service	5		% 20-Jan-20	24-Jan-20	5	0												!						.					-
01100	1001 G III OUI TIOU	<u> </u>		- /U						-	1	! !			- !	!			-	!	1	1		. !						

	ect Master Schedule (w/ARB Nov Sched) CEC/SCE			1	WBS Sur	<u>-</u> _													10-Γ	Dec-19
ty ID	Activity Name	OD	% Comp Start	Finish	TF	Fin. Var.	Doo.	Jan Feb Mar	Apr Mov	2020		Con Oct	Nov	Doo	lon Fol	h Mor	Apr May	Jun Jul	Aug S	Son (
Sub Transmissio	on/Gen-Tie	350	92.86% 02-Jul-18 A	03-Jan-20	15	0	DV Dec	Jan Feb Mar	Apr May	y Jun ,	Jul Aug 3	sep Oct	NOV	Dec	Jan Feb) Iviai	Apr Iviay	Jun Jui	Aug	Sep C
01175	Preliminary Engineering		100% 02-Jul-18 A	02-Jan-19 A		0												1		
01180	Final Engineering	72				0														
01185	Procurement & Material Delivery	81		-		0						1		1	1					
01200	Civil Bidding	35		-		0						 								1
01265	Civil Work	15				0						1		1	1					
01285	Turnover Of Skip To SCE	0	100%	29-Nov-19 A		0	8													
01190	Cable Installation Work	15	6.67% 29-Nov-19 A	19-Dec-19	16	0														
01290	Perform Terminations At Skip	5	0% 20-Dec-19	26-Dec-19	16	0						1								!
01195	Testing/Commissioning	5	0% 30-Dec-19	03-Jan-20	15	0	"													
TransTelecom		233	8 87.12% 20-Feb-19 A	10-Jan-20	15	0						1								
Barre Substation	on	233	8 87.12% 20-Feb-19 A	10-Jan-20	15	0												1		
01235	Designs / Engineering	72	2 100% 20-Feb-19 A	30-May-19 A		0								1	1					1 1 1
01240	Procurement & Materials Delivery	48		-		0						1								1 1 1
01245	Trans Telecom Work at Barre Substation	20	50% 19-Nov-19 A	13-Dec-19	15	0						1								
01250	Installation Testing	10	0% 30-Dec-19	10-Jan-20	15	0						1								
Skip Substation	1	233	8 87.12% 20-Feb-19 A	10-Jan-20	15	0												1		
9120	Designs / Engineering	72	2 100% 20-Feb-19 A	30-May-19 A		0						1								
9125	Procurement & Materials Delivery	48	100% 18-Jun-19 A	22-Aug-19 A		0														; ; ;
9130	Trans Telecom Work at Skip Substation	20	5% 29-Nov-19 A	26-Dec-19	16	-1						1								1 1 1
9135	Installation Testing	10	0% 30-Dec-19	10-Jan-20	15	0														1
IT/Telecom		293	8 89.76% 19-Nov-18 A	10-Jan-20	15	0			 		- - -		 					1 1		
Barre Substation	on	293	93.17% 19-Nov-18 A	10-Jan-20	15	0						 								1
9020	Preliminary Engineering	60	100% 19-Nov-18 A	15-Feb-19 A		0						1								i ! !
9025	Final Engineering	65	100% 18-Feb-19 A	21-May-19 A		0														1
9030	Procurement & Material Delivery	90	100% 22-May-19 A	15-Oct-19 A		0														
9035	IT/Telecom Installation at Barre Substation	10	0% 16-Dec-19	27-Dec-19	15	0														
9060	Installation Testing	10	0% 30-Dec-19	10-Jan-20	15	0														
Skip Substation	1	293	8 89.76% 19-Nov-18 A	10-Jan-20	15	0														1
9070	Preliminary Engineering	60	100% 19-Nov-18 A	15-Feb-19 A		0														1
9075	Final Engineering	65	100% 18-Feb-19 A	21-May-19 A		0						1								1 1 1
9080	Procurement & Material Delivery	90	100% 22-May-19 A	24-Sep-19 A		0														
9085	IT/Telecom Installation at Skip Substation	10	0% 02-Dec-19*	13-Dec-19	11	-2						1		i 1 1						i 1 1
9090	Installation Testing	10	0% 30-Dec-19	10-Jan-20	15	0						1		1 1 1	1					
PSC		237	85.65% 20-Feb-19 A	16-Jan-20	11	-1								1 1 1						
Barre Substation	on	237	95.78% 20-Feb-19 A	16-Jan-20	11	-1								1	 					
9040	Preliminary Engineering	60	100% 20-Feb-19 A	14-May-19 A		0		,	 											
9045	Final Engineering	65	100% 15-May-19 A	13-Aug-19 A		0								1	1					; ; ;

	ct Master Schedule (w/ARB Nov Sched) CEC/SCE				WBS Su	mmary																		10-D	ec-19 1	15:
ivity ID	Activity Name	OD	% Comp Start	Finish	TF	Fin. Var.	v Dec	Jan Fel	h Mar	I Ann I	May Jun	020	1 1	Sep	Oct	Nov	200	Jan	Feb I	Mar A	nr Ma	2021 ny Jun		C	an O	\
9065	Test & In-Service	10	0% 03-Jan-20	16-Jan-20	11	-1	ov Dec	Jan Fe	b Iviai	Apr	May Jun	Jul	Aug	Sep	Oct	NOV I	Dec	Jan	reb 1	viai A	pr ivia	iy Jun	Jul A	ug S	p Oc	Cl
Skip Substation		237	B5.65% 20-Feb-19 A	16-Jan-20	11	-1																				
9095	Preliminary Engineering	60	100% 20-Feb-19 A	14-May-19 A		0							1				1		1	1					!	
9100	Final Engineering	65	100% 15-May-19 A	13-Aug-19 A		0						1	 													-
9105	Procurement & Material Delivery	50	100% 14-Aug-19 A	07-Nov-19 A		1																				
9110	PSC Installation at Skip Substation	25	4% 29-Nov-19 A	02-Jan-20	11	-1																				
9115	Test & In-Service	10	0% 03-Jan-20	16-Jan-20	11	-1							1 1 1		!		1 1 1		1		1				1	
Project Closeout		66	0% 20-May-20	20-Aug-20	0	0			1																	
9015	Issue Authorization To Close (ATC)	0	0%	20-May-20*	0	0		-j			\$	-	-j 	jj-			j-									-
9010	Work Order Close-Out Complete (FAOC)	0	0%	20-Aug-20*	0	0							\$													
BESS Constru	iction Schedule	91	15.01% 01-Nov-19 A	16-Apr-20	278	0															į					
BESS-2000	Construction (Foundations)	4	75% 01-Nov-19 A	03-Dec-19	224	0																				
BESS-2010	Construction (Superstructure)	4	0% 03-Dec-19	19-Dec-19	224	0			 							i				į	į				į	
BESS-2030	BESS Equipment Delivered To Site	0	0%	06-Jan-20*	239	0		\$				-														
BESS-2020	Equipment Installation	4	0% 19-Dec-19	31-Jan-20	224	0	_																			
BESS-2040	BESS Testing & Commissioning	4	0% 31-Jan-20	24-Feb-20	224	0		=					1				1		1		1					
BESS-2050	EGT Testing & Commissioning	4	0% 24-Feb-20	24-Mar-20	224	0																				
BESS-2060	ESS Substantial Completion Target	0	0% 25-Mar-20		224	0			\$!		1 1		!		1 1 1		1	-	1				}	
BESS-2070	SCS Software Delivered	0	0% 25-Mar-20		224	0			\$			-														
BESS-2080	EGT Comissioning and Trial Test Runs	4	0% 25-Mar-20	31-Mar-20	224	0											i ! !			į						
BESS-2090	EGT Substantial Completion Target (COD)	0	0% 01-Apr-20		224	0				\$							1									
BESS-2100	O&M Staff Training By GE	4	0% 01-Apr-20	09-Apr-20	278	0				<u>-</u>			İ								į				İ	
BESS-2110	As Builts	4	0% 01-Apr-20	16-Apr-20	278	0				=																
BESS-2120	Final Completion Target	0	0% 16-Apr-20		278	0				8											- 1 - 2 - 2					-

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Attachment 2 – COM-5 Compliance Matrix

A	В		D	E	F	G	Н	I	J J	K	L	М	N	0	Р	Q	R	S	Т	U
1 Stanto	n Ener	gy Rel	ability Center Compliance Matrix (16	5-AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phas	es						6/30/2040							Construction						
4			Revised 4/30/2019		Based on Final	Staff Assessment								Commissioning Operations						
Technical Resource	Cond. #	‡ Pha		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 CPN	Condition Amended? 1 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	AQ-A1.a	a COM,	DPS Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The turbine shall not commence with normal operation until the commissioning process has been completed. Normal operation commences when the turbine is able to supply electrical energy to the power grid as required under contract with the relevant entities. The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	commissioning process for each turbine is completed.	When commissioning is complete	3/26/2020		Not Started							SCAQMD			SERC	DSR
AQ 7	AQ-A1.b	о СОМ/	DPS Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AQ-A1 also for 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).	The project owner shall provide emissions summary data in compliance with his condition as part of the Quarterly Operation Reports (AC SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started							SCAQMD			SERC	DSR
AQ 8	AQ-A1.c	C OF	Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in 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 thic condition: D1, D7]	, ,	N/A	N/A		Not Started										SERC	DSR
AQ 9	AQ-A2	OF	Annual Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for 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 maintain records to demonstrate compliance with this condition an shall make such records available to the SCAQMD Executive Officer upon request. The records shall be maintained for a minimum of 1 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT, 12-6-2002 RULE 1303(b)(2)-Offset, 12-6-2002] [Devices subject to this condition: D1, D7]	Reports (AQ-SC7) d	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started										SERC	DSR
AQ 10	AQ-A2.a	3	Annual Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.		minimum of 5 years dd	N/A	N/A		Not Started										SERC	DSR

А	В	С	D	E	F	G	Н	ı	J	K	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 Phases							6/30/2040							Construction						
4			Revised 4/30/2019		Based on Final S	Staff 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
AQ 11	AQ-A3	COM/OPS	2.5 PPMV NOx Limit Averging -The 2.5 PPMV NOx 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(a)(1)-BACT, 5-10-1996; 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
AQ 12	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(a)[1]-BACT, 5-10-1996; 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
AQ 13	AQ-A5	COM/OPS	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(a)[1]-BACT, 5-10-1996; RULE 1303(a)[1]-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	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 14	AQ-A6	COM/OPS	25 PPMV Nox Limit Averaging - The 25 PPMV NOX 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. [40 CFR 60 Subpart KKKK, 7-6-2006] [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
AQ 15	AQ-A7	COM/OPS	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: D1, D7]	records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-	Quarterly Operation e Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ 16	AQ-A8	COM/OPS	NH ₃ Limit Averaging - The 5.0 PPMV NH ₃ emission 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 shutdown.) See the Decision for NH ₃ calculation equation.	The project owner shall install, callbrate, 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
AQ AQ	AQ-A8.a	COM/OPS	MH3 Limit Averaging - The 5.0 PPMV NH3 emission 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 shutdown.) See the Decision for NH3 calculation equation.	monitoring system according to a District-approved monitoring plan The project owner shall include exceedances of the hourly ammonia slip limit and calibration	Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
17 AQ	AQ-A8.b	COM/OPS	NH3 Limit Averaging - The 5.0 PPMV NH3 emission 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 shutdown.) See the Decision for NH3 calculation equation.	maintain a NOx analyzer to measure the SCR inlet NOx ppmv accurate to within plus or minus 5 percent calibrated at least once every 12 months. The project owner shall use the method	analyzer	Once every 12 months	Annually		Not Started										SERC	DSR

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1 9	Stanto	n Energ	v Reliabi	lity Center Compliance Matrix (16-	AFC-01)		G			,	K		CBO Color Code:		Pre- Construction	r	ų	K	3		<u> </u>
	All Phase		,	, series somprante mann (10)	,	I	-	6/30/2040							Construction						ĺ
3															Commissioning						
4				Revised 4/30/2019		Based on Final S	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
19	AQ	AQ-B1	COM/OPS	H ₂ S Limit Averaging - Concentration limit is an annual average based on monthly samples of natural gas 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	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQSC7). 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	COM/OPS	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)	Quarterly Operation 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.	The project owner shall maintain records to demonstrate compliance with this condition and shall make such records available to the Executive Officer upon request.	maintained for a	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. (AQ- SC7)	Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
23	AQ	AQ-C2.a	COM/OPS	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.	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
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	AQ-D1		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.	protocol, but no later than 180	N/A	N/A	N/A												SERC	DSR
26	AQ	AQ-D1a	COM/OPS		Submit test protocol to CPM for 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	COM/OPS	Initial Source Test - Owner must conduct initial	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	COM/OPS	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.		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	AQ-D1d		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.	Proposed source test 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

	Α	В		С	D	E	F	G	Н	1	J	K	L	М	N	0	Р	Q	R	S	T	U
1 9	Stanto	n Ener	rgy Re	eliabili	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
_	All Phase	:S							6/30/2040							Construction						
3					Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
	Technical Resource	Cond. #	# P	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
20	AQ	AQ-D2	с	1	Operations Source Test - Owner must conduct air 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.	The test(s) shall be conducted at least once every three years. The project owner shall test 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.	N/A	N/A	#VALUEI		Not Started				SCAQMD						SERC	DSR
31	AQ	AQ-D2a	a CO	1	Operations Source Test - Owner must conduct air 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.	The project owner shall test 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.		Submit protocol 45 days before test date to Notify CPM	3/19/2020		Not Started										SERC	DSR
32	AQ	AQ-D2ł	ь со	1	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 test 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.		Submit protocol 45 days before test date to Notify District	2/18/2021		Not Started							SCAQMD			SERC	DSR
33	AQ	AQ-D20	c CO	1	Operations Source Test - Owner must conduct air 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.	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 proposed),	Submit results 60 days after the test. Notify CPM	7/2/2020		Not Started										SERC	DSR
34	AQ	AQ-D2c	d CO	1	Operations Source Test - Owner must conduct air 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.		protocol (if proposed),	Submit results 60 days after the test. Notify District	6/3/2021		Not Started							SCAQMD				
35	AQ	AQ-D26	e CO	1	Operations Source Test - Owner must conduct air 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.	source test of the date and time of	shall notify the District and CPM no later than	before the test of date and time. Test every three years.	5/3/2020		Not Started										SERC	DSR
36	AQ	AQ-D2f	f CO	1	Operations Source Test - Owner must conduct air 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.	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.	shall notify the District and CPM no later than	before the test of date and time. Test every three years.	5/3/2020		Not Started							SCAQMD			SERC	DSR

А	Т	В	С	D	E	F	G	Н	T 1	<u> </u>	К	L	М	N	0	Р	Q	R	S	т	U
1 Stant	on E	Energy	, Reliabi	lity Center Compliance Matrix (16-	-AFC-01)								CBO Color Code:		Pre- Construction						
2 All Pha								6/30/2040							Construction						
3						Daniel on Final (Commissioning						
Technica Resourc	1 (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
AQ AQ	A	AQ-D3a	COM/OPS	NH3 Source Test - Owner must conduct air pollutant 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 test 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.		Submit protocol 45 days before test date to CPM	4/4/2021		Not Started									-	SERC	DSR
AQ 38	A	AQ-D3b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months or 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 test f 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.		Submit protocol 45 days before test date to District	4/4/2021		Not Started							SCAQMD			SERC	DSR
AQ 39	A	AQ-D3c	COM/OPS	NH3 Source Test - Owner must conduct air pollutant 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		Submit results 60 days after the test to CPM	7/18/2021		Not Started										SERC	DSR
AQ 40	A	AQ-D3d	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months or 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.		Submit results 60 days after the test to District	7/18/2021		Not Started							SCAQMD			SERC	DSR
AQ 41	A	AQ-D3e	COM/OPS	NH3 Source Test - Owner must conduct air pollutant 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.		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.	1		Not Started										SERC	DSR
AQ 42	A	AQ-D3f	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months or 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.		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.			Not Started							SCAQMD			SERC	DSR
AQ 43	A	AQ-D3g	COM/OPS	NH3 Source Test - Owner must conduct air pollutant 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.		N/A	N/A	Quarterly/Annual		Not Started										SERC	DSR
AQ 44	4	AQ-D4	COM/OPS	CEMS for CO - Install a CEMS to measure CO 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 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. 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, and in accordance with an approved SCAQMD Rule 218 CEMS plan application.	12/12/2019		Not Started										SERC	DSR

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1 Stanto	n Ene	ergy R	Reliabil	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phase	es							6/30/2040							Construction						
3				Revised 4/30/2019		Based on Final S	toff Assassment								Commissioning Operations				-		
Technical Resource	Cond.	1.#	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 45	AQ-D4	04a C		CEMS for CO - Install a CEMS to measure CO 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 SCAQMD approved CEMS plan to the CPM within 90 days of SCAQMD 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		Not Started										SERC	DSR
AQ 46	AQ-D4	O4b C		CEMS for CO - Install a CEMS to measure CO 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.		CEMS Plan / Initial Certification	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/9/2020		Not Started										SERC	DSR
AQ 47	AQ-D:	D5 C		CEMS for NOx - Install a CEMS to measure NOx 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.	operating no later than 90 days		The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine			Not Started										SERC	DSR
AQ 48	AQ-D5	05a C		CEMS for NOx - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry bases 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
AQ 49	AQ-D5	OSb C		CEMS for NOx - Install a CEMS to measure NOx 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 SCAQMD approved CEMS plan to the CPM within 90 days of SCAQMD 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
AQ	AQ-D6	06a C		Meter for NH ₃ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₃). The flow meter must be accurate to 4/- 5 percent and calibrated annually. Maintain ammonia njection 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
AQ AQ 51				Meter for NH ₃ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₃). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia njection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Maintain ammonia injection rate 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
AQ 52	AQ-D6	D6c C		Meter for NH ₃ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₃). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia njection 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

	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	T	U
₁ S	tantor	n Energy	/ Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 A	ll Phase	S						6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
	echnical esource	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
53	AQ	AQ-D6d		Meter for NH ₃ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₃). 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	AQ	AQ-D7a	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 +/- 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).	Calibrate SCR Inlet temperature gauge	N/A	Prior to first fire	2/5/2020		Not Started										SERC	DSR
55	AQ	AQ-D7b		hour. The gauge should be accurate to +/- 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).	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-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
56	AQ	AQ-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 +/- 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).	Calibrate SCR Inlet temperature gauge	N/A	Once every 12 months	Annually		Not Started										SERC	DSR
57	AQ	AQ-D7d	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 +/- 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).	temperature between 460 and 855	Quarterly Operations Report (AQ-SC7)	Once every 12 months	Annually		Not Started										SERC	DSR
58	AQ	AQ-D7e	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 +/- 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).		N/A	N/A	Conditional		Not Started										SERC	DSR
59	AQ	AQ-D8a	COM/OPS	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 +/- 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
60	AQ	AQ-D8b	COM/OPS	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 +/- 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 (AQSC7).	Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
61	AQ	AQ-D8c	COM/OPS	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 +/- 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

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1 Sta 2 All P			Reliabi	lity Center Compliance Matrix (16-A	AFC-01)			6/30/2040					CBO Color Code:		Pre- Construction Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Tech Reso		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
A(.Q	AQ-D8d	COM/OPS	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 +/- 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	N/A	Conditional												SERC	DSR
A(iQ	AQ-E1	CONS	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 CEQA, 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
A(iQ	AQ-E2		Permit to Construct - The Permit to Construct shall expire one year from the Permit to Construct issuance 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 prior to the operation of the equipment, in 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 NA	Conditional		Not Started										SERC	TLB
A(,Q	AQ-E2a		Permit to Construct - The Permit to Construct shall expire one year from the Permit to Construct issuance 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 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	Permit to Construct extension	Prior to expiration of Permit to Construct	Conditional		Not Started							SCAQMD			SERC	TLB
A(Q	AQ-E3		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 catalyst and SCR control system during any turbine operation after commissioning is completed.	records including the total number of commissioning hours, number	Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
67	IQ	AQ-E3a		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 catalyst and SCR control system during any turbine operation after commissioning is completed.	the SCAQMD with written notification of the initial startup	The SCAQMD shall be notified in writing of the initial startup date of each turbine.	unit.	N/A		Not Started							SCAQMD			SERC	DSR
68				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 catalyst and SCR control system during any turbine operation after commissioning is completed.	site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		N/A	Conditional		Not Started										SERC	DSR
A	Q	AQ-E4		CO ₂ Emission Limit - 120 lbs/MMBtu CO ₂ emission limit for non-base load turbines shall apply. Compliance with the 120 lbs/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 Subpart TTTT, including applicable requirements for recordkeeping and reporting. [40 CFR 60 Subpart TTTT, 10-23-2015] [Devices subject to this condition: 01, 07]		Report (AQ-SC7).	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started										SERC	DSR
70	ıQ	AQ-E5	COM/OPS		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

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		y Reliab	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phase	es				Γ		6/30/2040							Construction Commissioning						
4			Revised 4/30/2019		Based on Final S	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
AQ 711	AQ-F1	CONS/COM, OPS	operations, the project owner shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods	site available for inspection by representatives of the District, California Air Resources Board (ARB), the United States Environmental Protection Agency	NA .	N/A	Conditional		Not Started										SERC	DSR
AQ 72	AQ-H1		evaluation of the NOx CEMS shall be conducted as part of the initial performance test of the turbine required no later than 180 days after initial start-up by §60.8, in accordance with the requirements of §60.4405. The initial performance test of the turbine shall be conducted to demonstrate compliance with the §60.4320 limit of 25.0 ppmv NOx at 15% O2, 1-hour averaging. [40 CFR 60 Subpart A, 6-3-2016; 40 CFR 60 Subpart KKKK, 7-6-2006] [Devices subject to this condition: D1, D7].	site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	No later than 180 days after initial start- up	9/30/2020		Not Started										SERC	DSR
AQ 73	AQ-H2	COM/OPS	Nox CEMS requirements - The Nox CEMS shall comply with the requirements of conditions D82.2 (AQD5), H23.1 (AQ-H1), and H23.2 (AQ-H2). The project owner shall measure and record SO2 emissions by using the applicable procedures specified in appendix D to Part 75 for estimating hourly SO2 mass emissions, pursuant to \$75.11(d)(2). The project owner shall measure and record CO2 emissions by following the procedures in appendix G to Part 75 for estimating daily CO2 mass emissions, pursuant to \$75.10(a)(3)(ii) and \$75.13(b). [40 CFR 75-Acid Rain CEM, 1-18-2012] [Devices subject to this condition: D1, D7] See Decision for rules for additional requirements	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
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: E15]	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
AQ 75	AQ-H4	COM/OPS	Refrigerants Requirements - This equipment is subject to Rule 40 CFR 82, Subpart F. [Devices subject to this condition: E15]	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
AQ 76	AQ-K1	COM/OPS	Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.		СРМ	No later than 90 days following the source test date	6/9/2020		Not Started										SERC	DSR
AQ	AQ-K1a	COM/OPS	Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.		District	No later than 90 days following the source test date	6/9/2020		Not Started							SCAQMD			SERC	DSR
AQ	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 containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in grams are added, maintain semi-annual records for other vocatings, less water and exempt solvent, for other coatings. For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings. [RULE 3004(a)(4) - Periodic Monitoring, 12-12-1997] [Devices subject to this condition: E14]	representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started										SERC	TLB

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		ergy I	Reliabil	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Ph	ases							6/30/2040							Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Technic Resour		ıd.#	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
AQ 79	AQ-S	SC1		Air Quality Construction/Demolition Mitigation Manager (AQCMM) - The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction.	resume, qualifications, and	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
AQ 80	AQ-S	-SC2		Air Quality Construction Mitigation Plan - The project owner shall provide an AQCMP, 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.		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
AQ 81	AQ-SO			Air Quality Construction Mitigation Plan - The project owner shall provide an AQCMP, 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.		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
AQ 82	AQ-S	-SC3		Air Quality Fugitive Dust MCR - The AQCMM shall submit 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 linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision for list of items (A through N).	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
AQ AQ	AQ-S			AQ Dust Plume Monitoring - The AQCMM or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have 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, indicate that existing mitigation measures are not resulting in effective mitigation. The AQCMM or delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes are observed and shall include a section in the AQCMP detailing how the additional mitigation measures will be accomplished within the time limits specified: (See Decision AQ-SC4 for Steps 1 through 3 for dust plume response)	condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress										SERC	GAL
AQ 84	AQ-S	scs		AQ Construction Mitigation Report - The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with the following mitigation measures for purposes of controlling diesel construction related emissions. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision AQ-SCS for items A through F).	summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during		Monthly, no later than 10 business days	Monthly		In Progress										SERC	GAL
AQ AQ 85	AQ-SG	SC6a CC	OPS	Air Permit Modifications - The project owner shall provide the CPM copies of any District-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 modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an	shall submit any project air permit and	Within 5 working days of proposing permit modification.	Conditional		Not Started										SERC	GAL

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		gy Reliab	lity 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	taff 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
AQ AQ	AQ-SC6b	CONS/COM, OPS	Submit Modified Air Permit - See AQ-SCGa	Submit modified permit to CPM	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	AQ-SC6c	CONS/COM, 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 AQ	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 (BIO-1). 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 site mobilization or construction-related activities shal commence until an approved Designated Biologist is available to be on site.		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 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 (BIO-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.		Notify CPM 10 working days in advance of replacing DB.	Conditional		Not Started										JACOBS	GAL
BIO	BIO-2a	CONS	ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction	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
91 BIO	BIO-2b	OPS	mobilization, ground disturbance, grading, construction operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved	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
BIO	BIO-3a	PC	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, 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.	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

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2 All Pha	ises							6/30/2040							Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
Technica Resource	ce Co	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
BIO 94	BIG	IO-3b (CONS/COM/ OPS	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least a 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	Bit	IO-4a (OPS	Designated Biologist and Biological Monitor Authority The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and/or Biological Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase) have the authority to stop construction and notify the CPM of the work stoppage.	- Ensure that the DB or BM notify the CPM of any non-compliance or halt of construction.	BM Notify CPM	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started										JACOBS	GAL
BIO	BIG	IO-4b d	OPS	Designated Biologist and Biological Monitor Authority The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and/or Biological Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase)have the authority to stop construction and notify the CPM of the work stoppage.	the CPM of any non-compliance or halt of construction.	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	BIG	IO-5a		Worker Environmental Awareness Program, Biological Resources - The project owner shall develop and implement a project-specific Worker Environmental Awareness Program (WEAP) and shall secure approval for the WEAP from the CPM in consultation with USFW: and CDFW. The WEAP shall be administered to all onsity personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delivery personnel. The WEAP shall be implemented during site mobilization, ground disturbance, grading, construction, operation, and closure.	start of any pre-construction site mobilization, the project owner shall provide to the CPM the 5 proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s)		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
98	BIO	IO-5b	PC	Final WEAP - See BIO-5a	At least 10 days prior to site and related facilities mobilization, the project owner shall submit two copies of the CPM-approved materials.	Final WEAP	At least 10 days prior to start of site mobilization	12/18/2018	1/10/2019	Completed	1/23/2019									JACOBS	GAL
BIO 99	Bit			WEAP Training Acknowledgement 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 g 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	ВІС	IO-5d	CONS/OPS	WEAP Training Acknowledgement Forms on File - See BIO-5a	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.	who have completed	Monthly	Monthly		In Progress										ARB	GAL

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1 9	Stantor	n Energy	/ Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
	All Phase	s						6/30/2040							Construction						
3				Revised 4/30/2019		Based on Final S	staff Assessment								Commissioning Operations						
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	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required		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-5e	CONS/COM/ OPS	WEAP Training Acknowledgement Forms on File - See BIO-5a	Workers sign training acknowledgement forms and	Provide annual WEAP training to permanent	Annually for permanent	Conditional												SERC	DSR
101					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.	employees and WEAP training for new	employees, training within 1 week for new employees														
102	BIO	BIO-6a	PC	Biological Resources Mitigation Implementation and Management Plan (BRMIMP) - The project owner shall develop a BRMIMP and submit two copies of the proposed BRMIMP to the CPM (for review and approval) and to CDFW and USFWS (for review and comment), if applicable, and shall implement the measures identified in the approved BRMIMP. The BRMIMP shall be prepared in consultation with the Designated Biologist and shall identify items (1) through (14) (See Decision for the listed items).	Provide the draft BRMIMP to the CPM at least 45 days 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	PC/CONS/O 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	PC/CONS	Modifying the BRMIMP - The project owner shall notify the CPM no less than 5 working 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 modificaitons	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).	Document compliance in MCR	MCR	Monthly	Monthly		In Progress										SERC	GAL
106	BIO	BIO-6e	CONS	BRMIMP Construction Closure Report - See BIO-6a. Provide a written Construction Closure Report identifying which items of the BRMIMP have been completed, a summary of all modifications to the mitigation measure made during the project'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).			Monthly	Monthly		In Progress										SERC	GAL
108	BIO	BIO-7b	CONS	General Impact Avoidance and Mitigation Measures - Implement the following measures during mobilization			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		Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes - Pre-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 activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See Decision for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two preconstruction 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. Establish buffer zones for active nests. Inform the CPM of nest finds.	USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the	Provide field notes to CPM and CDFW within 24 hours of survey.	Notify CPM, CDFW, 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 7/3/2019 7/3/2019 7/9/2019 8/7/2019 8/7/2019 8/7/2019	In Progress	7/3/2019 7/11/2019 8/23/2019						CDFW, USFWS	1/22/2019		JACOBS	GAL

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2 All Phas	es							6/30/2040							Construction						
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ВІО	BIO-8a2	2 COM	a N C C C C C C C C C C C C C C C C C C	Pre-Construction Nest Surveys and Impact Avoidance and imminization Measures for Breeding Birds - Field Notes - Pre-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 activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See Decision for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. Once survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.		Provide field notes to CPM and CDFW within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/1/2019 2/4/2019 2/11/2019 2/11/2019 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed							CDFW, USFWS			JACOBS	GAL
BIO 1111	BIO-8b			Preconstruction Nest Survey Letter Report - (See Decision BIO-8a for specific guideline items)	Letter-report to CPM, CDFW, and USFWS describing the findings of the preconstruction nest surveys	preconstruction survey findings	Prior to the start of pre-construction mobilization	1/22/2019, 2/2/2019, 2/5/2019 (optional) 2/12/2019 For Gas Line: 8/19/2019	1/28/2019 2/8/2019 2/27/2019 8/16/19	In Progress							CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL
BIO 112	BIO-8c	C COM		mplementation of Nest Surveys and Inclusion in SRMIMP - (See Decision BIO-8a for specific guideline tems)	All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.	Revised BRMIMP (BIO-6)	After pre- construction nesting surveys	Ongoing For Gas Line 9/5/19	N/A	Not Started	N/A									JACOBS	GAL
BIO 113	BIO-8d	d COM		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 the Designated Biologist.	MCR	Monthly	Monthly		In Progress										JACOBS	GAL
BIO 114	BIO-9a	a COM	t M B n C	lack and Bore Drilling Best Management Practices - During construction using jack and bore drilling exchniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Treek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of a frac- out to CPM and CDFW	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional		Not Started										SERC	GAL
BIO 115	BIO-9b	O COM	t M B n C	ack and Bore Drilling Best Management Practices - During construction using jack and bore drilling exechniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to 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 out not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of any non-compliance or a halt of any jack and bore drilling operations to CPM and CDFW and actions being taken to resolve the problem	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional		Not Started										SERC	GAL
CIVIL	CIVIL-1	a PC/CC	t p e s c t f	Drainage Structure Design and Grading Plan - Submit to the CBO for review and approval the design of the proposed drainage structures and the grading plan; an erosion and sedimentation control plan; a construction storm water pollution prevention plan; related calculations and specifications, signed and stamped by the responsible civil engineer; and soils, geotechnical, or foundation investigations reports required by the 2016 EBC.	and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design	Proposed drainage structures and grading plan	At least 15 days prior to the start of site grading	17/10/2010		Completed					P-1.1: 1/1//2019 PC1 1-1.1 2/6/19 PC2 1-1.1 5/24/19 PC3 1-1.2 1/17/2019 PC1 1-1.2 2/6/19 PC2 1-1.3 1/17/2019 PC1 1-1.3 2/6/19 PC2	1.1: 2/8/19 (conditional) 1.2: 2/8/19 1-1.0 2/8/19 PC2 1-1.1 6/14/19 PC3 1-1.2 6/14/19 PC3 1-1.3 2/8/19 PC2- 1-1.3 6/14/19 PC3 1.4 2/8/19 PC2				SERC	ТАТ
CIVIL	CIVIL-1	b PC	E E	Erosion and Sedimentation Control Plan - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Erosion and Sedimentation Control Plan	At least 15 days prior to the start of site grading	12/18/2018		Completed					1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
CIVIL	CIVIL-1	c PC		Construction Stormwater Pollution Prevention Plan - isee CIVIL-1a	review and approval. At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018		Completed Completed					1/7/2019	2/6/2019				SERC	TAT

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1 Stanto	n Ener	gy Reliab	lity Center Compliance Matrix (16-	-AFC-01)								CBO Color Code:		Pre- Construction						·
2 All Phase					1	1	6/30/2040					1		Construction						
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4			Revised 4/30/2019		Based on Final S	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 CPN	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-10	d PC	Related Calculations and Specs Stamped by Civil Engineer - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading; and notify CPM in MCR following the CBO's approval	12/18/2018		Completed					1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	ТАТ
CIVIL	CIVIL-1		Soils, Geotechnical, or Foundation Reports - See CIVIL- 1a	and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Foundation Investigation Reports required by the 2016 CBC	At least 15 days prior to the start of site grading	12/18/2018		Completed					Ongoing					SERC	ТАТ
CIVIL	CIVIL-1	f PC	Approval of all CIVIL 1a Submittals Noted in MCR - See CIVIL-1a	Statement in the MCR certifying that the documents (CIVIL-1a) have been approved by the CBO.	MCR	Next MCR after approval by CBO	3/13/2019		Completed					3/13/19 4/11/19					SERC	GAL
CIVIL 122	CIVIL-2	a CONS	Adverse Soil/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 practice of soils engineering, identifies unforeseen 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 affected area.	these new conditions.		when unforseen adverse soil or geologic conditions are identified by RE	Conditional							Conditional					SERC	GAL
CIVIL	CIVIL-2	CONS	Adverse Soil/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 practice of soils engineering, identifies unforeseen 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 affected area.	stopped as a result of unforeseen adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	Conditional		Not Started					Conditional					SERC	GAL
123 CIVIL	CIVIL-20	CONS	Adverse Soil/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 practice of soils engineering, identifies unforeseen 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 affected area.	the project owner shall provide to the CPM a copy of the CBO's approval		Within 24 hours of the CBO's approval to resume work	Conditional		Not Started										SERC	GAL
CIVIL	CIVIL-3	a CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 GBC. 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 discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval.	conformance report to CBO and proposed	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional							conditional					SERC	TLB/TAT

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1 Stanto	n Ener	y Reliabi	lity Center Compliance Matrix (16-	AFC-01)					•		_	CBO Color Code:		Pre- Construction					·	_
2 All Phase	es .						6/30/2040							Construction						
3			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
CIVIL	CIVIL-3b	CONS	Inspections and Discrepancy Reporting - The project owner 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 discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	any discrepancies, the resident engineer shall transmit to the CPM in a non-conformance report (NCR), and the proposed corrective action for review and approval.	conformance report to CPM and proposed	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Not Started										SERC	TLB/TAT
CIVIL	CIVIL-3c		Inspections and Discrepancy Reporting - The project owner 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 discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	the NCR, the project owner shall submit the details of the corrective action to the CBO		within 5 days of resolution of non- compliance report	Conditional							conditional					SERC	TLB/TAT
CIVIL 128	CIVIL-3d	CONS	Inspections and Discrepancy Reporting - The project owner 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 discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	the NCR, the project owner shall submit the details of the corrective	submit details of	within 5 days of resolution of non- compliance report	Conditional		Not Started					conditional					SERC	тів/тат
CIVIL	CIVIL-3e	CONS	Inspections and Discrepancy Reporting - The project owner 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 discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	month shall also be included in the following monthly compliance	MCR	Monthly	Monthly		In Progress										SERC	Т.В
CIVIL	CIVIL-4a	CONS	Final Grading Plan Approval - After completion of finished grading and erosion 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 erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	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										POWER	TAT
CIVIL 131	CIVIL-4b	CONS	Final Grading Plan Approval - After completion of finished grading and erosion 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 erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	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

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1 Stanto	n Energ	y Reliab	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phase	:S						6/30/2040							Construction						
3			2 1 1/22/2020		Passal on Final C	toff Assessment								Commissioning						
Technical Resource	Cond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Based on Final S 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? 1 Yes or No	Condition Amendment Date	Amended Language	Operations 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
COM	COM-1		Unrestricted Access - The project owner shall take all steps necessary to ensure that the CPM, responsible Energy Commission staff, and delegate agencies or consultants, have unrestricted access to the facility site, related facilities, project-related staff, and the records maintained on-site for the purpose of conducting audits, surveys, inspections, or general or closure-related site visits.	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at are by the CPM in person or through representatives from Energy Commission staff, delegated agencies, or consultants.		Life of the project	Conditional		In Progress										SERC	TLB
сом	COM-10		Amendments, Staff-Approved Project Modifications, Ownership Changes, and Verification Changes - The project owner shall petition the Energy Commission, pursuant to Title 20, California Code of Regulations, section 1769, to modify the design, operation, or performance requirements of the project or linear facilities, or to transfer ownership or operational control of the facility. The CPM will determine whether staff approval will be sufficient, or whether Commission approval will be necessary. It is the project owner's responsibility to contact the CPM to determine if a proposed project change triggers the requirements of section 1769. Section 1769 details the required contents for a Petition to Amend an Energy Commission Decision. The only change that can be requested by means of a letter to the CPM is a request to change the verification method of a condition of certification.	fees owed by a project owner will 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/fi		Life of the project	Conditional	PTA#1 - Additional Laydown Area - 5/22/2019 PTA#2 SoCalGas Additional Laydown Area - 8/19/2019	In Progress	6/21/2019	No								SERC	PZC
133 COM	COM-11		Reporting of Complaints, Notices, and Citations - Prior to the start of construction 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, it must include automatic answering with date and time stamp recording. (See Decision COM-11 for specifications).	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	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
СОМ	COM-12a	PC/CONS	Emergency Response Site Contingency Plan - No less than 60 days prior to the start of construction (or other CPM-approved) date, the project owner shall submit, for CPM review and approval, an Emergency Response Site Contingency Plan. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness for a series 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	COM-12b	COM/OPS	Emergency Response Site Contingency Plan - Subsequently, no less than 60 days prior to the start of commercial operation, the project owner shall update (as necessary) and resubmit the Contingency Plan for CPM review and approval. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness 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	COM-13a		Incident-Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, 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		Not Started						9100				SERC	GAL

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1 Stantor	n Ener	gy Relia	bility Center Compliance Matrix (16	5-AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phases							6/30/2040							Construction						
3			Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
4			Revised 4/30/2019		based off Fillar 3	tan Assessment								Operations						
Technical Resource	Cond. #			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
COM	COM-13	b CONS/CO	M/ Incident-Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See Decision COM-13 for incident types that apply).	d project owner shall start submitting monthly status reports;		monthly after incident	Conditional		Not Started										SERC	GAL
COM 139	COM-14	i OPS	than two weeks prior to a facility's planned non- operation, or no later than one week after the start of unplanned non-operation, the project owner shall notify the CPM, interested agencies, and nearby property owners of this status. During non-operation, the project owner shall provide written updates to the CPM.			No later than two weeks prior to facility's planned non- operation.	6/16/2040		Not Started										SERC	DSR
COM	COM-15	6 OPS	Facility Closure Planning -No less than one year prior t closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan an Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039												SERC	DSR
COM	COM-2		/C 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	NA	Life of the project	Ongoing		In Progress										SERC	TLB
COM 142	COM-3		/C Compliance Verification Submittals - Verification lead 5 times associated with the start of construction may require the project owner to file submittals during AFC or amendment processing, particularly if construction planned to commence shortly after certification. The verification procedures, unlike the conditions, may be modified as necessary by the CPM after notice to the project owner.	A cover letter from the project owner or an authorized agent is required for all compliance is submittals and correspondence pertaining to compliance matters. (See Decision COM-3 for	Verification submittals	Life of the project	Ongoing		In Progress										SERC	GAL
142 COM	COM-4a	PC	Pre-Construction Matrix and Tasks Prior to Start of 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 come first, and shall be submitted in a format similar to the description 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 serviciations pertaining to pre-	Pre-construction matrix and pre- construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018				(Ref Only)					SERC	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	es				1		6/30/2040							Construction						
4			Revised 4/30/2019		Based on Final S	Staff 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
COM	COM-4b	PC PC	Pre-Construction Matrix and Tasks Prior to Start of 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 comes first, and shall be submitted in a format similar to the description.	Site mobilization and construction activities shall not start until the following have occurred: 2. the CPM has issued an authorization-to-construct letter to the project owner.	Pre-construction matrix and pre- construction verifications	Before site mobilization	12/31/2018	9/14/2018	Completed	10/19/2018				(Ref Only)				ÿ	SERC	GAL
COM	COM-5a	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 MCR	Monthly with MCR and annually with ACR	Monthly		In Progress					(Ref Only)					SERC	GAL
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
COM	COM-6	PC/CONS	Monthly Compliance Report - The first MCR is due one month following the docketing of the project's Decision unless otherwise agreed to by the CPM. (See Decision COM-6 for specifications).	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.		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 11/13/19	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 11/13/19					SERC	GAL
COM 148	COM-7	CONS/COM, OPS	Annual Compliance Report - After construction is complete, the project must submit searchable electronic ACRs to the CPM, as well as other periodic compliance reports (PCRs) required by the various technical disciplines. ACRs shall be completed for each year of commercial operation and are due each year on a date agreed to by the CPM. Other PCRs (e.g. quarterly reports or	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		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 150	COM-9		Annual Energy Facility Compliance Fee - Pursuant to the provisions of section 25806(b) of the Public Resources Code, the project owner is required to pay an annually adjusted compliance fee.		Annual Compliance Fee due 7/1 annually: See http://www.energy.ca. gov/siting/filing_fees.h tml		Ongoing	11/8/2018 6/6/2019	In Progress	11/9/2018									SERC	GAL
CUL 151	CUL-1a	PC	Cultural Resources Specialist, Monitors, and Technical 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 for CRS	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-1a	PC	Cultural Resources Specialist, Monitors, and Technical 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 for CRS	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

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		rgy Reli	liabili	ty Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phases	5					T		6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
Technical Resource	Cond. #	# Pha	ase	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
CUL	CUL-1b			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.	and contact	At least 10 days working days before termination or release of the CRS	Conditional		Not Started										JACOBS	GAL
154	CUL-1b			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.	and contact information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Not Started										JACOBS	GAL
CUL	CUL-1c	e PC		Cultural Resources Monitors and Specialists - See Cul- La (CUL-1 Section D.3)	qualifications for any anticipated	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-1c	E PO		Cultural Resources Monitors and Specialists - See Cul- la (CUL-1 Section D.3)		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 157	CUL-1d	d PC		Native American Monitors - See Cul-1a (CUL-1 Section).4)		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
CUL	CUL-1d	i PC		Native American Monitors - See Cul-1a (CUL-1 Section).4)		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
CUL 159	CUL-1e	PC/C		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.		At least 5 days prior to the CRMs or NAMS beginning on-site duties	Conditional		In Progress										JACOBS	GAL
CUL 160	CUL-1f	F PC/C	((CUL-1 Section D.5)	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-1g	g PC		New technical specialist - See Cul-1a - (CUL-1 Section).6)	Owner must submit resume(s) of any technical specialist to CPM for review and approval		At least 10 days prior to technical specialist beginning task	Conditional		Not Started										JACOBS	GAL
CUL	CUL-1h	n PC	PC A	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

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	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
	CUL	CUL-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		No ground disturbance shall	Conditional		Completed										JACOBS	GAL
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163	CUL	CUL-1j	CONS	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	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	5/1/2020		Not Started										JACOBS	GAL
164					CPM.		conditions														
165	CUL	CUL-2a	PC	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 occur 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, data	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
166	CUL	CUL-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
167	CUL	CUL-2c	CONS	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 (See Decision 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.	of each phase of a phased project, the project owner shall submit the appropriate maps and drawings, if not previously provided, to the		At least 15 days prior to the start of a construction phase	Conditional		In Progress										JACOBS	GAL
168	CUL	CUL-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 occur prior to CPM approval of maps 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
160	CUL	CUL-2e	CONS	Revised 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 occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Within 5 days of changing the schedule of phases of a phased project, provide written notice of project changes to the CRS and CPM.	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 - 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 occur prior to CPM approval of maps and drawings, 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.		Within 10 days of the approval of the new CRS	Conditional												JACOBS	GAL

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Tec	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
171	CUL	CUL-3a	PC	Cultural Resources Monitoring and Mitigation Plan (CRMMP) - Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS and as described in this condition (See Decision CUL-3), to the CPM for review and approval. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	owner an electronic copy of the draft model CRMMP for the CRS. At least 30 days prior to the start of ground disturbance, submit the		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).	agreement to pay	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	CUL-3c	CONS/COM/ OPS	Written Agreement with Curation Facility - If cultural materials requiring curation were generated or collected, the project owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the State Historic Resources Commission's (SHRC) Guidelines for the Curation of Archaeological Collections (1993, or future updated guidelines from SHRC), to accept the cultural materials from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.		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 shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARMR) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DPR 523 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRIS) 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		Final Cultural Resources Report - The project owner shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARMR) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DRR 523 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRIS) shall be included as appendices to the final CRR.	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	CUL-4c	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-5a	PC	Worker Environmental Awareness Program, Cultural Resources - Prior to and for the duration of construction-related ground disturbance, provide Worker Environmental Awareness Program (WEAP) training, as described in the condition (See Decision CUI 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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178	JL	CUL-5b	PC	WEAP training/Training Acknowledgement Form -See Condition CUL-Sa	This is provided by the CPM to the owner	Training Acknowledgement Form	At least 15 days before the beginning of ground disturbance	12/18/2018		Completed										ARB	GAL
179		CUL-5c	OPS	WEAP Training Records in MCR - See Condition CUL-Sa	Training Acknowledgement forms of the workers who have comleted training in the prior month.	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
CU 180	JL	CUL-6a	PC	Cultural Resources Monitoring, Letter to Native Americans - The project owner shall ensure that a CRS, alternate CRS, or CRMs shall be on site for all ground disturbance in areas slated for excavation into non-fill (native) sediments. See Decision for specifications on monitors and daily monitoring logs.	Notify all Native Americans on the Native American Heritage Commission's contact list of the date on which the project ground disturbance will begin.	Letter of notification	At least 30 days before the start of ground disturbance	12/3/2018		Completed										JACOBS	GAL
CU 181	JL	CUL-6b	PC	Cultural Resources Monitoring, Daily Monitoring Log Form - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The CPM will provide to the CRS ar 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	At least 30 days before the start of ground disturbance.	12/3/2018		Completed										JACOBS	GAL
182	JL	CUL-6c	CONS/COM	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
CU 183	JL	CUL-6d	CONS/COM	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
CU	JL	CUL-6e	CONS/COM	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
CU	JL	CUL-6f	CONS/COM	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.	(if more than 50 artifacts found or as	Within two business days after the end of the week	Conditional		Not Started										JACOBS	GAL
CUI	JL	CUL-6g	CONS/COM	Cultural Resources Monitoring 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.	receiving a request from a Native American group that	Conditional		Not Started										JACOBS	GAL
CU	JL	CUL-6h	CONS/COM	Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.		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
CU	JL	CUL-6i	CONS/COM	Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.		Monthly Status Reports of 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

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Technical Resource	Cond.	1.#	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
CUL	CUL-6			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		At completion of monitoring	Conditional	Date submitted to CPM	Not Started	Date Approved by Crisi	TES OF NO	Amendment bate	Language	10 CBO	CSO	submit to:	to other agencies	Agencies	JACOBS	GAL
CUL 190	CUL-6	-6k C	CONS/COM	Cultural Resources Monitoring, Change in Monitoring Level - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	the CPM, for review and approval,	Letter or e-mail with justification for changing the monitoring level	At least 24 hours prior to implementing a proposed change in monitoring level	Conditional		Not Started										JACOBS	GAL
CUL 191	CUL-6	-6I C	CONS/COM	Cultural Resources Monitoring, Change in Daily Reporting - See Decision CUI-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 reducing or ending daily reporting.	justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	Conditional		Not Started										JACOBS	GAL
CUL 192	CUL-6	6m C	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
CUL.	CUL-7.7	7a		Powers of the CRS - The CRS shall have the authority to halt ground disturbance in the event of a discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. In the event that a cultural resource over 50 years of age is found (oi if, determined exceptionally significant by the CRS), or impacts to such a resource can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery industry of the discovery sufficient of the discovery industry of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery industry of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery industry of the discovery of human for the requirements of Health and Human Safety Code § 7050.5(b) and shall additionally notify the CPM and the NAHC of the discovery of human remains. No action with respect to the disposition of human remains of Native American origin shall be initiated without direction from the CPM. Monitoring, including Native American monitoring, and daily reporting, as provided in other conditions, shall continue during the project's ground-disturbing activities elsewhere, while the halting or redirection of ground disturbance in the vicinity of the discovery yshall remain in effect until the CRS has visited the discovery, and all of the following have occurred: (See Decision for specifications 1-5).	of ground disturbance, the project owner shall provide the CPM and CRS with a letter confirming that the CRS, Alternate CRS, and CRMS have the authority to halt ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	that the CRS, Alternate CRS, and CRMs have authority to halt ground disturbance	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL
CUL 194	CUL-7	7b C	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
CUL	CUL-7	7c C	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

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CUL 196	CUL-	L-7d C		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 chairpersons 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 notification, consultation, and reports and records.		No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started										JACOBS	GAL
CUL 197	CUL-	L-7e C	CONS/COM	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
CUL 198	CUL-	L-8a		Fill Soils, Borrow or Fill Site Documentation - If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are provided to and approved by the CPM, the CRS shall survey the borrow or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, the project owner must either select another borrow or disposal site or implement CUL-7 prior to any use of the site. The CRS shall report on the methods and results of these surveys in the final CRR.	CPM and provide documentation of previous archaeological survey, if any, dating within the past five	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
CUL	CUL-	L-8b		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.	owner and the CPM of the results of the cultural resources survey, with	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
ELEC 200	ELEC	C-1a		110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans,	the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a 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	Design plans, specifications, and calculations and compliance statement to CBO with copy to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	Ongoing		In Progress					1-1.0: 1/23/19 1-2.0: 2/4/2019 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 SI-013 PC1 1-13.0 7/26/19 SI-014 PC1	1-1.0: 5/3/19 1-2.0: 2/15/19 1-3.0: 2/6/2019 1-4.0: 2/8/19 1-5.0: 3/14/19 1-6.0: 4/5/19 1-70: 3/20/19 1-8.0: 6/3/19 1-9.0: 1-10.0: 4/16/19 1-12.0: 6/3/19 1-13.0 8/14/19 PCF				SERC	TAT
ELEC 201	ELEC	C-1b C		110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans,	shall include in this submittal a 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	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		In Progress					3/13/19 4/11/19 5/14/19 6/14/19 7/17/19					SERC	GAL

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1 Stanto	on Ener	rgy R	eliabil	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phas	es							6/30/2040							Construction						
3		-		Revised 4/30/2019		Based on Final S	Staff Assessment					-			Commissioning Operations	1					
4		+		neviseu 4/30/2013		bused on Findis	Assessment								Operations						
Technica Resource	Cond. #	# 1	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
GEN	GEN-1a	COOL		with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above		verification signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection	Within 30 days following receipt of the certificate of occupancy from CBO	8/20/2020		Not started										POWER	TAT
202 GEN	GEN-1b	b COI		with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above	construction, installation, and	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
203 GEN	GEN-1c	С		Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	shall inform the CPM at least 30 dyas prior to any construction, addition, alteration, moving, demolition, repair, or 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 approve the work.	addition, alteration, moving, demolition, repair, or maintenance of completed facility	within 30 days prior to any construction,	Conditional		Not Started										SERC	DSR

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1 S	tanto	Energy	y Reliabi	lity Center Compliance Matrix (16-	AFC-01)							_	CBO Color Code:		Pre- Construction						
_	ll Phase							6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
	echnical esource	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 to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
205	GEN	GEN-2a	PC	Lists - Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawing and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	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
200	GEN	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	GEN-3a	ОМ	the Energy Commission delegates the CBO function to a	required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	CBO monthly payments	Monthly	Monthly		In Progress					Monthly					SERC	RRF/JLJ
200	GEN	GEN-3b		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 activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DCBO based upon a fee schedule negotiated between the Energy Commission and the DCBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Copy of CBO's Receipt of Payment with the MCR	Monthly	Monthly		In Progress					Monthly					SERC	GAL
208	GEN	GEN-4a	PC	responsible for the elements listed in this condition (see Decision GEN-4).	and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO	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	GEN	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
211	GEN			Approval of Newly Assigned RE - See GEN-4a	Submit new resume and registration number CBO for review and approval	Notification to CBO	Within 5 days of receiving the new resume and registration number	Conditional		Completed					2/6/2019	2/12/2019				SERC	TAT
212	GEN	GEN-4d	PC/CONS	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

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1 Stan	ton En	nergy	Reliabi	lity Center Compliance Matrix (16-	-AFC-01)								CBO Color Code:		Pre- Construction						
2 All Ph	ases							6/30/2040							Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment						-		Commissioning Operations						
Technic Resour		nd. #	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 CPN	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
GEN	GEN	N-5a		Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include (vivil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO	registration number for Civil Engineer, Soils (geotechnical) Engineer, and	to the start of rough	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
GEN 214	GEN	N-5b	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's 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
GEN 215	GEN	N-5c		Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.		registration number for responsible design engineer, mechanical engineer, and	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 NV5: 3/4/2019				SERC	TLB
GEN	GEN	N-5d	PC	Approval of Responsible Engineers - See GEN-5a	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
GEN 317	GEN	N-5e	CONS	Reassignment of Designated Engineer - See GEN-5a	Notify the CPM and CBO if a designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re- assignment	Conditional		Not Started										SERC	GAL/TAT
GEN 218	GEN	N-5f	CONS	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
GEN 219	GEN	N-6a		Special Inspector Assignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2016 CBC. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Submit names and qualifications of certified special inspectors to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing		In Progress					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
GEN 220	GEN	N-6aa		Special Inspector Assignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2016 CBC. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications)	special inspectors for special	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
GEN 321	GEN	N-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				ARB	TLB
GEN 222	GEN	N-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 for approval	Within 5 days of re- assignment	Conditional		Not Started					PC2: 1/28/19	PC2: 1/29/19					TLB
GEN 223	GEN	N-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 approval.		Within 5 days of the approval	Conditional		Not Started										ARB	TLB

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1 Stan	nton I	Energy	Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Ph					-			6/30/2040							Construction						
4				Paris et 4/20/2010		Paced on Final C	taff Assessment								Commissioning Operations						
4				Revised 4/30/2019		based Oil Fillal 3	tall Assessment								Operations						
Techn Resou	ırce	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
GEN GEN	N C	GEN-7a	CONS/COM	Design Discrepancy Correction - If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.	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
GEN	N C	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
GEN	N (GEN-8a	CONS	obtain the CBO's final approval of all completed work that has undergone CBO design review and approval.	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	Within 15 days of the completion of any work	Conditional		In Progress										SERC	GAL
GEN	N G	GEN-8aa	CONS	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 notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-built shall be provided to the CBO for retention by the CPM.	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 the work conforms to the final approved	Monthly as completed	Monthly		In Progress											
GEN 228	N C	GEN-8b	CONS	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.		After storage is in place	Conditional		Not started										SERC	GAL
GEN 229	N (GEN-8c	CONS	Plan and Specification Archive Copies- See GEN-8a	The project owner shall provide to the CBO three sets of electronic copies of the engineering plans, specifications, and calculations at the project owner's expense.	"Read only" (Adobe .pdf 6.0 or newer version) files, with	Within 90 days of the completion of construction	8/21/2020		Not Started										SERC	TAT
GEC		GEO-1a	PC	construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity, liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is	the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils: and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and		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				NV5	TAT

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2 All Pha		cigy.		ity center compilance matrix (10)				6/30/2040							Construction						
3															Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
Technic Resourc	I Cond	d. #	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
GEO 231	GEO-	0-1b		CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the	the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils: and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and	СРМ	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			J	SERC	GAL
HAZ	HAZ	Z-1		Hazardous Materials Management - The project owner shall not use any hazardous materials not listed in Appendix B, below, or in greater quantities or strenghts than those identified by chemical name in Appendix B, below, unless approved in advance by the compliance project manager (CPM).	the COM, in the Annual Compliance Report, the Hazardous	Materials Business Plan in the Annual Compliance Report.	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
HAZ 233	НАΖ-	2a		HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM	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
HAZ	HAZ-2	-2aa		HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/29/2019		Completed							OCEHD	8/2/2019			
HAZ				Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	copy of a final HMBP and SPCC to 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					
HAZ	HAZ-2	-2ac		Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to the CPM for approval.		At least 30 days before receiving hazardous materials on site	7/29/2019		Completed							OCEHD	9/24/2019	7-Nov		

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Technic Resource	e 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
HAZ	HAZ-2	2b Co	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the		At least 30 days before delivery of	7/29/2019	10/25/2019	Completed	11/12/2019									SERC	DSR
237					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.	Agency (the Orange County Environmental Health Division)	aqueous ammonia on														
HAZ	HAZ-2	2c C	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of		At least 30 days	10/20/2019		Completed					10/24/2019	11/12/2019				SERC	DSR
238					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.	approval	before delivery of aqueous ammonia on site														
HAZ	HAZ-2	2c CC	CONS I	Final Risk Management Plan - See HAZ-2a	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.		At least 30 days before delivery of aqueous ammonia on site	10/20/2019		Completed							OCEHD	10/24/2019	7-Nov		
HAZ	HAZ-	-3 CON:		Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also 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 plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.		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
HAZ HAZ 241	HAZ-3	3a CON:		Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain ockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.		Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility			Completed					9/30/2019	10/15/2019				SERC	DSR
HAZ	HAZ-	-4 C(S C C C C C C C C C C C C C C C C C C C	Ammonia Storage Tank Design - The aqueous ammonis storage facility shall be designed to the ASME Code for Unfired Pressure Vessels, Section VIII, Division 1. The storage tank shall be protected by a secondary containment that drains to an underground vault via (3 1.25 square foot openings capable of holding precipitation from a 24-hour, 25-year storm event plus 100 percent of the capacity of the largest tank within its boundary. The storage tank shall have ammonia detectors positioned to detect an ammonia leak or loss of containment. The final design drawings and specifications for the ammonia storage tank, secondary containment basin, and underground vault shall be submitted to the CPM.	final design drawings and specifications for the ammonia storage tank, ammonia pumps, ammonia detectors around the ammonia storage tank, secondary containment basin, and underground vault to the CPM for review and approval (copy CBO)		At least 30 days before construction of the ammonia storage and transfer facility	10/20/2019	3/15/2019 4/29/2019 (CBO approval transmitted to CPM)	Completed	4/30/2019				3/14/2019 (reference only)	4/29/2019				POWER	GAL

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2 All Ph	ases							6/30/2040							Construction						
3				Revised 4/30/2019		Rased on Final S	Staff Assessment								Commissioning Operations						
Techni Resou		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
HAZ	2	HAZ-5	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.	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
HAZ	? F	HAZ-6a		HazMat Transport Route Restrictions - Prior to initial delivery, the project owner shall direct vendors delivering bulk quantities (>800 gallons per delivery) of hazardous material (e.g., aqueous ammonia, lubricating and insulating oils) to the site to use only the route approved by the CPM (from State Route 91, exiting on Beach Boulevard and traveling south to Katella Avenue, then east on Katella Avenue and turn left and head north on Dale Avenue to the Stanton entrance). The project owner shall obtain approval of the CPM if an alternate route is desired.		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	Completed	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
HAZ	Z F	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
HAZ	2	HAZ-7	PC	Construction Site Security Plan - Prior to commencing 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).	At least 30 days prior to commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Site-specific Construction Security Plan	At least 30 days prior to commencing construction	12/3/2018	11/20/2018	Completed	1/25/2019				1/21/2019	1/28/2019				SERC	GAL
HAZ	2 F	HAZ-8a		Operations Site Security Plan - The project owner shall also prepare a site-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity Sector: Physical Security v2.0). See Decision HAZ-8 for nine items/specifications.	The project owner shall notify the CPM that a site-specific operations site security plan is available for review and approval.		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 9/18/2019	Completed	5/16/2019 (Castle Spike Topper Only) 8/9/2019 11/26/2019									SERC	GAL
HAZ	· ·	HAZ-8b		available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity	statements similar to Attachment A and Attachment B that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations	similar to Attachment A, Attachment B, and Attachment C	Annual Compliance Report	12/31/2020		Not Started										SERC	GAL

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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-9		Fuel Gas Pipe Cleaning - The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable 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 pigging, shall be used as per the latest edition of NFPA 56, Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA 56, section 4.4.1.	copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NFPA 65, section 4.4.1) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.		At least 30 days before any fuel gas pipe cleaning activities begin	11/27/2019		on								·	J	SERC	DSR
MECH	MECH-1a		Plant Piping and Plumbing System Plans- The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (OA/OC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See Decision MECH-1 for specifications)	specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, 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 CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-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: 6/10/19 1.6: 6/29/19 1.7: 6/20/19 1.4: 05/31/19 1.6: 06/10/19 PC1 1.10 7/23/19 PC1	1.1: 2/26/19 1.2: 5/16/19 1.3: 5/7/19 1.4: 3/11/19 conditional 1.5: 5/7/19 1.6: 6/10/19 PC1 1.6: 6/25/19 PCF 1-4.0 6/19/19 PCF 1-4.0 6/19/19 PCF				Power	TAT
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 calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (QA/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See Decision MECH-1 for specifications)	specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer	of the transmittal letter in the next monthly compliance	Monthly Compliance Report (one time)	Monthly		In Progress										SERC	GAL
MECH 252	MECH-1c	CONS	CBO Approvals, Piping and Plumbing - See MECH-1a	The project owner shall transmit 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
MECH 253	MECH-2a	CONS	Pressure Vessel Installation - For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation. (See Decision 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	design review and approval, the above	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 CPM.	11/9/2019		Not Started					9/27/2019	2-1.0 PC1 10/16/19				Power	TAT

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2 All Pha	ses							6/30/2040							Construction						
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Technica Resourc		d.# Pl	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 Agencies	Responsible	SERC Project Manager
MECH	MECH	H-2b C		Pressure Vessel Installation - For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation. (See Decision MECH-2 for additional specifications).	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	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	Gatej) Completed	uate approved by CPM	res or No	Amenament Date	Language	10 CBU	L8U	submit to?	to other agencies	Agencies	Party	wanager
MECH 255			,	CBO 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 conveying the CBO's and/or Cal-OSHA inspection approvals.	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		Not Started										SERC	GAL
месн				HWAC Plans - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See Decision MECH-3 for additional specifications).	the CBO the required HVAC and 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.	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 HVAC or refrigeration system	10/7/2019		Completed					3-1.0 7/10/19 PC1 3-1.2 7/10/19 PC1 3-1.2 7/10/19 PC1 3-1.3 7/10/19 PC1 3-1.4 7/10/19 PC1 3-2.0 7/16/19 PC1 3-2.1 7/10/19 PC1 3-2.2 7/16/19 PC1 3-2.2 7/16/19 PC1 3-2.3 6/25/19 PC1 3-2.3 4/1/19 PC1 3-2.5 4/4/19 PC1 Cisco SPM ?					SERC	JBM
MECH	MECH	H-3b PC/	:	HVAC Plans - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See Decision MECH-3 for additional specifications).	the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible	Calculations, plans, 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	Completed										SERC	JBM
NOISE NOISE	NOISE	E-1a		Public Notification Process - Prior to the start of ground disturbance, the project owner shall notify all 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 construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours a day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction where it is visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	The project owner shall transmit to the CPM a statement, signed by the project owner's project		At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018									JACOBS	GAL
NOISE	NOISE	E-1b	PC	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.	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	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.	Complaint Resolution Form that	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	Completed	4/9/2019									SERC	GAL

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2 All Pha	ses						6/30/2040							Construction Commissioning						
4			Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
Technica Resourc		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		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	NOISE-3	B PC	Employee Noise Control Program - Submit to the CPM for review and approval a noise control program and to reduce employee exposure to high (above permissible) noise levels during construction in accordance with 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 to the CPM		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	NOISE-4:		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.		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	NOISE-4	b COM/OPS	Noise 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 mitigation measures necessary to achieve compliance with the abow listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	2	: Within 15 days after the survey	5/1/2020		Not Started										Innova	DSR
NOISE 265	NOISE-4	c 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	NOISE-5	G COM/OPS	Occupational Noise Survey - Following the project's attainment of a sustained output of 85 percent or greater of its rated capacity, the project owner shall conduct an occupational noise 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 5095-5099 (Article 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 NOISE-5 for further information).	The project owner shall submit 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.	summary report of the	Within 30 days after completing the new survey	4/12/2020		Not Started					(Ref Only)					Innova	DSR
NOISE	NOISE-6	5 PC	Construction Noise Restrictions - Heavy equipment operation and noisy construction work, including pile driving, shall be restricted to the times delineated in this condition (See Decision NOISE-6). Construction work shall be performed in a manner to ensure excessive noise (noise that draws a project-related complaint) is prohibited and the potential for noise complaints is reduced as much as practicable. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.		e 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	NOISE-7	a 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.		driving technique to be used		Conditional		Not Started					(Ref Only)					SERC	GAF

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Technica Resource	e C	Cond. #	Phase	Revised 4/30/2019 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
NOISE	NC	OISE-7b	CONS		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 complaints as much as practicable. The project owner shall submit a copy of this notification to the CPM prior to the start of pile driving.	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
PAL 270	P.	PAL-1a	PC	described in this condition (See Decision PAL-1 for specifications).	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
PAL 271		PAL-1b	PC	PRS 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).	At least 30 days prior to ground 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	to ground disturbance	12/3/2018	11/1/2018 7/9/2019	Completed	11/9/2018									JACOBS	GAL
PAL 272	P.	PAL-1c	PC/CONS		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
PAL 273	P	PAL-1d	PC/CONS		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
PAL 274	P.	PAL-2a	PC	Maps and Drawings to PRS - Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the project, as described in this condition (See Decision PAL-2). If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The PRS or PRM shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week.	of ground disturbance, provide the maps and drawings to the PRS and CPM.		At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/21/2018									JACOBS	GAL
PAL 275	P	PAL-2b	PC	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
PAL 276	P.	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 scheduling of the construction	Schedule information	Within 5 days of identifying the changes	Conditional		Not Started										SERC	GAL
PAL 277	P	PAL-3a	PC	Decision PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant	disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and		At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	1/14/2019									JACOBS	GAL

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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
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 Decision PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and	CPM Approval of PRMMP	Prior to ground disturbance	1/19/2019	11/1/2018	Completed	1/14/2019									SERC	GAL
PAL 279	PAL-4a	PC	Worker Environmental Awareness Program, Paleontological Resources - Prior to ground disturbance and for the duration of construction activities involving ground disturbance, as described in this condition (See Decision PAL-4), prepare and conduct weekly CPM- approved paleontological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	the draft WEAP, including the	sticker, script, and procedures.	At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018									JACOBS	GAL
PAL	PAL-4b	PC	Final WEAP - See PAL-4a	The project owner shall submit to the CPM for approval the final WEAP 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	1/10/2019	Completed	1/17/2019									JACOBS	GAL
PAL	PAL-5a	CONS/COM	WEAP Training Documentation/MCR - No worker shall excavate or perform any ground disturbance activity prior to receiving CPM-approved WEAP training by the PRS, unless specifically approved by the CPM. (See Decision PAL-5 for further specifications).	In the Monthly Compliance Report (MCR), the project owner shall provide copies of the WEAP certification of completion forms with the names of those trained, trainer identification, and type of training (in-person and/or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	MCR, number of personnel trained during the reporting period, and total number of personnel	Monthly	Monthly		In Progress										ARB	GAL
PAL 282	PAL-5b	CONS/COM	Alternate WEAP Trainer - See PAL-5a	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.	qualifications of WEAP trainer	Before installation of the alternate trainer	Conditional		Not started										ARB	GAL
PAL 283	PAL-6a	CONS	Paleontological Monitoring - The project owner shall ensure that the PRS and PRM(s) monitor, consistent with the PRMMP, all construction-related grading and excavation in areas where potential fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. The PRS may not further delegate the responsibility for determining whether full-time monitoring is necessary. (See Decision PAL-6 for specifications)	of paleontological resource activities shall be included in the monthly compliance report (MCR).	and summary of monitoring activities	Monthly	Monthly		In Progress										JACOBS	GAL

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Technical Resource	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
PAL PAL-6b	CONS	Notification of Change in Monitoring - See PAL-6a	The project owner shall ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified 15 days in advance of any proposed changes in monitoring different from that identified in the PRMM/P, which will require concurrence between the PRS and CPM. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.		Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Not started										JACOBS	GAL
PAL PAL-7		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.	PRR under confidential cover to the CPM.	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 paleontological resource materials encountered and collected during project construction. The project owner shall pay all curation fees charged by the museum for fossil material collected and curated as a result of paleontological mitigation. The project owner shall also provide the curator with documentation showing the project owner irrevocably and unconditionally donates, gives, and assigns permanent, absolute, and unconditional ownership of the fossil material.	ownership of all fossil material.	entity responsible for curation and that curation fees have	Within 60 days of submittal of the PRR	10/4/2020		Not Started										JACOBS	GAL
286 SOCIO SOCIO-1	PC	School Facility Development Fee - The project owner shall pay the current one-time statutory school facility development fee to the Magnolia Elementary School District polistrict and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnolia Elementary School District Board Policy BP 7211 Facilities: Developer Fees.		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
S&W SOIL & WATER-1a		NPDES Construction Permit Requirements - The project owner shall manage storm water pollution from project construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the project.	the CPM proof that the	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
S&W SOIL & WATER-1b		NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	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

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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPN	Condition Amended? 1 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
5&W	SOIL & WATER-1c	PC/CONS	Correspondence with SARWQCB - See SOIL & WATER 1a	The project owner shall submit to the CPM any correspondence between the project owner and the SWRCB or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDES 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.	Correspondence between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	Conditional		Not started					SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL
S&W 291	SOIL & WATER-2a		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, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WQMP for post-construction storm water BMPs to Orange County for review and the CPM for review and approval. The project owner shall notify the CPM in writing of any reported non-compliance with the county requirements, including documentation of any measures taken to correct the noncompliance, and the results of those corrective measures. See Decision SOIL&WATER-2 for additional specifications.	WQMP for post-construction storm water BMPs to the CPM and to the Orange County Public Works Department.	WQMP for post- construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 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
S&W	SOIL & WATER-2b		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
S&W	SOIL & WATER-20	PC/CONS	Correspondence with County Re: Stormwater - See 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.	Copies of correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	Conditional		Not Started										SERC	GAL
5&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 the NPDES Permit Order No. CAG998001 for hydrostatic testing and dewatering (if applicable) water discharge. The project owner shall provide a copy of all permit documentation sent to the Santa Ana Regional Water Quality Control Board (SARWQCB) or State Water Resources Control Board (SWRCB) to the CPM and notify the CPM in writing of any reported noncompliance.	necessary NPDES 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 295	SOIL & WATER-3b		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
S&W 296	SOIL & WATER-3c		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.		Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	GAL
S&W	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 water use for construction shall not exceed 5.6 acrefeet. project operation water use shall not exceed 34 AFY. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	include a monthly summary of daily water use. After construction is complete, the project's annual	water use	Monthly Compliance Report	Monthly		In progress					(Ref Only)				,	ARB	GAL

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S&W	SOIL 8 WATER-		s v f f t	Water Use and Reporting - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water use for construction shall not exceed 5.6 acrefect. project operation water use shall not exceed 34 AFY. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and eporting requirements described below.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Monthly and annual summary of water use	Annual Compliance Report	12/31/2020	SAC SUMMED OF COMME	In Progress	out approved by a m	ics of the	Antiquite out	conguege	(Ref Only)		Judini (O)	to out agencies	Agentees	SERC	DSR
S&W	SOIL 8 WATER-		PS c	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the see of water during commercial operation, the project owner shall install and maintain metering devices as oart of the water supply and distribution system to monitor and record in gallons 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.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	The project owner 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
S&W	SOIL 8 WATER-		M/OPS c		The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence that 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
S&W	SOIL & WATER		0 5 1 0 7 1	use of water during commercial operation, the project owner shall install and maintain metering devices as	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.	the servicing, testing, and calibration of the metering devices in	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
S&W	SOIL 8 WATER-		c s t r v	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	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.	State Water Company shall be reported in the Annual	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
S&W	SOIL 8 WATER-		0 0 5	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.	documentation indicating that the city has accepted the project's		Prior to the use of the city's sewer system	6/30/2019	(Pacific Street - existing line) 5/9/2019	Completed	5/16/2019				(Ref Only)					ARB	GAL
S&W	SOIL 8 WATER-		OPS C	Sewer Connections - The project owner shall pay the ity 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.	waste water discharge and fees paid to the city shall be reported in	shall be reported in	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
S&W	SOIL &		OPS C	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.	waste water discharge and fees paid to the city shall be reported in	summary of waste	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
S&W	SOIL & WATER		(F L S	ack and Bore Permits - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas sipeline, the project owner shall apply for coverage under the following permits: (see Decision SOIL&WATER-7 for list) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,		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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Technical Resource	Cond	d. #	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	SOIL WATER			County Code – Title 9, Division 2, Article 2, Sections 9-2- 40 and 9-2-50. The project owner shall pay all necessary	copy of the application package for the encroachment permit and any comments from Orange County Public Works Department	encroachment permit	At least ninety (90) days prior to bridge construction	11/27/2018	9/17/2018	Completed	12/13/2018				2/5/19 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
S&W	SOIL WATER		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.	permit from OCPWD	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	STRUCC	C-1a P		Project Structures Plans and Specifications - Prior to the start of any increment of construction, the project owner shall submit plans, calculations, and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. (See Decision STRUC-1 for specifications).	transmittal letter to the CPM.	Final design plans, specifications, and calculations and transmittal letter to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list	1.0: 1/17/2019 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/7/2019 5.0: 2/7/2019 6.0: 2/7/2019 8.0: 2/14/2019 8.0: 2/14/2019 10.0: 2/28/2019 12.0: 3/11/2019 13.0: 2/20/2019	1.0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 3.0: 5/13/19 4.0: 2/6/2019 5.0: 6.0: 2/7/2019 7.0: 3/28/2019 8.0: 5/13/2019 9.0: 3/22/2019 10.0: 2/28/2019 11.0:5/13/2019 13.0: 2/20/2019 14.0: 5.0: 5/31/19 16.0: 5/6/19 17.0: 5/3/19 18.0: 5/3/19 19.0: 20.0: 5/23/19 21.0: 5/24/19 22.0: 5/28/19 23.0: 24.0: 5/31/19 25.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19	In Progress	N/A				1.0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 3.0: 1/31/2019 5.0: 6.0: 2/7/2019 7.0: 3/28/2019 8.0: 2/12/2019 9.0: 3/22/2019 11.0:4/16/19 12.0: 3/29/2019 13.0: 2/20/2019 15.0: 5/31/19 16.0: 5/6/19 17.0: 5/13/19 18.0: 5/31/19 21.0: 5/24/19 22.0: 5/28/19 23.0: 6/10/19 24.0: 5/31/19 25.0: 5/31/19 25.0: 5/31/19 25.0: 5/31/19	1.0 Compaction: 3/25/19 1.0 Bridge Design: 5/13/19 2.0: 2/18/2019 3.0: 5/16/19 4.0: 4/9/19 5.0: 6.0: 4/30/19 7.0: 4/29/19 8.0: 5/16/19 9.0: 5/22/19 11.0: 5/22/19 11.0: 5/22/19 12.0: 5/22/19 12.0: 7/17/19 16.0: 7/22/19 17.0: 7/11/19 18.0: 6/8/19 19.0: 20.0: 7/23/19 21.0: 6/7/19 22.0: 9/11/19 PCF 23.0: 7/3/19 PC2 25.0: 26.0:				Power	GAL
STRUC	STRUC	C-1b P	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly 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.		Monthly	Monthly		In Progress					Monthly	778				SERC	GAL
STRUC	STRUC	C-1c P	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly 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.	Report list of approved plans, specifications, and calculations	Monthly	Monthly		In Progress					Monthly					SERC	GAL

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1 Stanto	on En	ergy	Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phas	ses							6/30/2040							Construction						
3						December Floris	1-ff A								Commissioning	1					
4				Revised 4/30/2019		Based on Final S	tarr Assessment								Operations						
Technica Resource	Conc	d. #	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
STRUC 312	STRUC	JC-2a	CONS	Non-Compliance Procedures - The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval (see Decision STRUC-2 for specifications).		NCR describing the discrepancy and corrective action, and transmittal letter	Within five days of discovering a discrepancy	Conditional		Not Started										SERC	GAL
STRUC 313	STRUC	IC-2b	CONS	Corrective Action Documentation - See STRUC-2a	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.	Copy of the corrective action to the CBO	Within 5 days of the resolution of the NCR	Conditional		Not Started										SERC	GAL
STRUC 314	STRUC	C-2bb	CONS	Corrective Action Documentation - See STRUC-2a	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.	Copy of the corrective action to the CPM	Within 5 days of the resolution of the NCR	Conditional		Not Started											
STRUC	STRU	JC-2c	CONS	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	disapproval of	Within 15 days of the resolution of the NCR	Conditional		Not Started										SERC	GAL
STRUC	STRUC	IC-2d	CONS	Corrective 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
STRUC	STRUG	IC-3a	PC/CONS	Final Design Changes - The project owner shall submit to the CBO 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, and shall give to the CBO prior notice of the intended filing.	CBO of the intended filing of design changes, and shall submit the required number of sets of	Revised drawings to CBO	Schedule suitable to the CBO	6/30/2019		Not Started										SERC	GAL
STRUC	STRUC	С-Заа	PC/CONS	Final Design Changes - The project owner shall submit to the CBO 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, and shall give to the CBO prior notice of the intended filing.	CBO of the intended filing of design changes, and shall submit the required number of sets of	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	6/30/2019		Not Started										SERC	GAL
STRUC	STRUC	IC-3b	PC/CONS	Plan 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.		Monthly	Monthly		In Progress										SERC	GAL
STRUC 320	STRUC	IC-4a	CONS	Tank and HazMat Vessel Design - Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.		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
STRUC	STRUC	IC-4b	CONS	CBO Approvals in MCR - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CPM 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.		Monthly	Monthly		In Progress										SERC	GAL

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1 Stanton E	nergy	Reliabi	ity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phases					1		6/30/2040							Construction						
3			Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
Technical Resource Co	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
TLSN TL	LSN-1		66 kV Line Requirements - The project owner shall construct the proposed 66-kV transmission line according to the requirements of California Public Utility. Commission's GO-95, GO-128, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines.		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
322 TLSN TL	LSN-2	CONS	Metallic Objects Grounded - The project owner shall ensure that all permanent metallic objects within the proposed route are grounded according to industry standards.	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
TRANS TRA	ANS-1a	CONS	Roadway Use Permits and Regulations - The project owner shall comply with limitations imposed by the Department of Transportation (Caltrans) and other relevant jurisdictions, including the cities of Stanton, Anaheim, Buena Park, Garden Grove, and Westminster, and the county of Orange, on vehicle sizes and weights, driver licensing, and truck routes.	the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project	List of permits received in MCR	Monthly	Monthly		In Progress					(Ref Only)					ARB	GAL
TRANS TRA	ANS-1b	CONS	Copies 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
TRANS TRA	ANS-2a		Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See Decision TRANS-2 for specifics).	TCP to the city of Stanton for	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
TRANS TRA	ANS-2b		Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See Decision TRANS-2 for specifics).	approval. The project owner shall also provide the CPM with a copy of the transmittal letter to the city of Stanton requesting review and	and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	11/29/2018	11/29/2018 3/1/2019 7/1/2019	Completed	12/21/2018 3/5/2019 7/18/2019	No No No	3/5/2019	3/5 Increased allowable truck traffic to 120 trucks per 7/18 Inclusion of Main Street between Beach and Fern		1/23/2019				JACOBS	GAL
327 TRANS TRA	ANS-2c	PC	Letters of Comment on TCP - See TRANS-2a	The project owner shall provide 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.	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
TRANS TRA	ANS-2d	PC	Final TCP to City - See TRANS-2a	completed copies of the final TCP	City and interested parties	After CPM review and 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

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1 Sta	nton	Energy	/ Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All P	hases							6/30/2040							Construction						
3				Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
Tech Reso		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?	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
TRA	NS TI	FRANS-3a	PC	easements, rights-of-way, and any other transportation infrastructure damaged due to project-related construction and traffic. Restoration shall be completed in a timely manner to the infrastructure's original	mobilization, the project owner shall videotape roads and intersections along the major routes construction vehicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other		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
TRA	INS TI	RANS-3b	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and 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.	Notify CPM and affected agencies to identify sections to be repaired. Establish schedule for completion of repairs with CPM	After road damage has been identified	Conditional		Not started					(Ref Only)					SERC	GAL
TRA	INS T	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 owner shall notify the CPM and 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.	repairs	Following completion of repairs	Conditional		Not started					(Ref Only)					SERC	GAL
TRA	NS TI	RANS-4a	PC	Encroachment into Public Rights-of-Way - Prior to any ground disturbance, improvements, or obstruction of traffic within any public road, easement, or right-of-way, the project owner shall coordinate with all applicable jurisdictions, including the city of Stanton, to obtain necessary encroachment permits and comply with all applicable regulations, including applicable road standards.	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
TRA	INS TI	RANS-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 operation.	11/12/2020		In Progress										SERC	TLB

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1 Stanton Energy	, Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Phases						6/30/2040							Construction						
3													Commissioning						
4		Revised 4/30/2019		Based on Final S	taff 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
TRANS TRANS-5a	CONS	Transportation of Hazardous Materials -The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	materials delivery and waste	materials haulers and licensing verification in MCRs	Monthly during construction	Monthly		In Progress					(Ref Only)					SERC	GAL
TRANS TRANS-5b	OPS	Transportation of Hazardous Materials -The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner 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 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.	materials haulers and licensing verification in ACR	Annual Compliance Report	12/31/2020		Not started					(Ref Only)					SERC	DSR
TRANS TRANS-6a	PC	Rail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing 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 loads. The rail crossing safety 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 the city of Stanton for review and comment		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
TRANS TRANS-6b	PC	Rail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing 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 loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	Pacific Railroad (UPRR) for review and comment	Plan and transmittal	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
TRANS TRANS-6c	PC	related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the	The project owner shall submit 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.	Plan and transmittal letters to City and	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
TRANS TRANS-6d	PC	Final Rail Crossing Safety Plan - See TRANS-6a	copies of any 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
340 TRANS TRANS-6e	PC	Final Rail Crossing Safety Plan - See TRANS-6a			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

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1 Sta	nton	Energy	Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All P								6/30/2040							Construction						
4				Revised 4/30/2019		Rased on Final S	Staff Assessment								Commissioning Operations						
Tech Reso		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
TRA	ANS TR	RANS-7	CONS	FAA Notification for Construction Equipment at or Exceeding 153 Feet AGL - The project owner or its contractor(s) shall file Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration, with the FAA for any construction equipment 153 feet above ground level (AGL) or taller. The project owner shall comply with any conditions imposed by the FAA as part of their hazard determination, such as marking and lighting requirements.	The project owner shall submit to the CPM a copy of the FAA'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
343		FRANS-8a		Pilot Notification and Awareness - The project owner shall initiate the following actions to ensure 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.	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
TRA	ANS T	FRANS-8b	CONS	Final Letters to FAA, LAAA, and FMA - See TRANS-8a	The project owner shall submit the required letters of request to the FAA, the LAAA Manager, and the FMA Manager. The project owner shall submit copies of these requests to the CPM. A copy of an 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.	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
TRA	ANS T	FRANS-8c	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- 8a	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		4/11/2019									SERC	GAL
TRA	ANS T	TRANS-8d	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- 8a		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
TS	SE	TSE-1		Schedule of Designs, Master Drawing List, Specification Lists - Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition (See Decision TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	submit the schedule, a Master Drawing List, and a 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
TS	E	TSE-2a	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, 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 the installation to ensure compliance with the requirement of applicable LORS.	equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped	design plans, specifications, and calculations for the power plant switchyard, outlet line,	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	6/30/2019		Completed					2-1.0 8/2/19 PC1	2-1.0 8/22/19 PC1				Power / SCE	GAL

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2 All Phas	es						6/30/2040							Construction						
4			Revised 4/30/2019		Based on Final S	Staff Assessment					-			Commissioning Operations						
Technica 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
TSE	TSE-2b	CONS/COM, OPS	Final Switchyard Design- For the power plant switchyard, outlet line, 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 the installation to ensure compliance with the requirements of applicable LORS.	equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped	plans, specifications, and calculations for	For 1 year after completion of construction	10/13/2021										-		SERC	DSR
TSE	TSE-2c	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, 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 the installation to ensure compliance with the requirements of applicable LORS.	equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped	inspection of insallation applicable	During construction	1/2/2020												SERC	TLB
TSE 351	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
TSE 352	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).	the CBO for approval the elements	document list	Prior to the start of construction or modification of transmission facilities	10/1/2019												SERC	GAF
TSE	TSE-4a	CONS	Notice to CAISO - The project owner shall provide the following notice 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 letter stating the proposed date of synchronization; 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 copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California ITOs facility with the California ITOs shall be provided electronically to the CPM one day before synchronizing the facility with the California Itansmission system for the first time.	,	Letter one week prior and report of conversation one day before initial synchronization with the grid	2/11/2020		Not Started										SERC	DSR
TSE TSE	TSE-4b	CONS	Notice to CAISO - The project owner shall provide the following notice 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 letter stating the proposed date of synchronization; 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.	grid. The project owner shall contact the California ISO Outage	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

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2 All Phas						•	6/30/2040							Construction						i
3														Commissioning						
4			Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
Technical Resource	Cond. #		Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPN	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
TSE	TSE-5a	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 CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, 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 nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection	after project	Within 10 days of discovering non- conformance	Conditional		Not Started										SERC	TLB
TSE 356	TSE-5b		As-Built Drawings - The project owner shall be 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 CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, 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 nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	line drawings of electrical portion of facility, signed and sealed by Electrical Engineer in charge and a statement attesting conformance	first synchronization of the project	4/18/2020		Not Started										SERC	GAF
TSE 357	TSE-5c	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 CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, 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 nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection	mechanical structure	Within 60 days after first synchronization of the project	4/18/2020		Not Started										SERC	GAF
TSE	TSE-5d	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 CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, 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 nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection	completed	Within 60 days after first synchronization of the project or completed transmission facilities	4/18/2020		Not Started										SERC	GAF
VIS	VIS-1a	PC	Surface Treatment of Project Structures - The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with the landscape; b) their colors and finished on ot create excessive glare; and c) their 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)	proposed treatment plan to the CPM for review and approval and simultaneously to the city of	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		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
VIS 360	VIS-1b	PC/CONS	Revised Surface Treatment Plan - See VIS-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.		Any modifications to the treatment plan must be submitted to the CPM for review and approval	Conditional		Not Started					(Ref Only)					SERC	GAL

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2 All	Phases							6/30/2040							Construction						
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4				Revised 4/30/2019		baseu oli Fillal s	otan Assessment								Operations						
	ource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPN	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
361	/IS	VIS-1c	CONS	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.	CPM that surface treatment is completed and color photographs	Prior to the start of commercial operation	4/1/2020		Not Started					(Ref Only)					SERC	GAL
362	/IS	VIS-1d	OPS	Surface Treatment Maintenance - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACR. 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		Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
363	/IS	VIS-2a	CONS	Screening Landscaping Plan - The project owner shall also submit to the CPM for review and approval, and simultaneously to the city of Stanton for review and comment, a detailed landscape plan and irrigation plan for the power plant site in fulfillment of requirements o applicable laws, ordinances, regulations, and standards, including water efficiency irrigation standards as required by the city of Stanton. See Decision VIS-2 for specifications.	f the city of Stanton for review and	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
364	/IS	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
765	/IS	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
366	/IS	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
367	/IS	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	,	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
368	/IS	VIS-3a		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
369	/IS	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

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3															Commissioning						
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Techr Resor	urce	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
VI:	S	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.	resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Not Started										SERC	GAL
VI	S	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.	complaints and resolution in MCR,	Monthly	Monthly		In Progress										SERC	GAL
371 VE	S	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 submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures 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 applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures 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 letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Plan and transmittal letters to Planning Director of City of Stanton for review and comment	days before ordering any permanent lighting equipment for	12/3/2018		Completed					(Ref Only) Submit 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL
VI:	s	VIS-4b		Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures 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 applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures 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 letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	transmittal letter submitted to city and the Lighting 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
VI:	s	VIS-4c	CONS/COM/ OPS	Revised Lighting Plan - See VIS-4a	if the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and comment and the CPM from review and approval. No work to implement the plan (e.g., purchasing of fixtures) shall begin until final plan approval is received from the CPM.		No specific time frame	Conditional		Not started					(Ref Only)					POWER	GAL
3/4 VI:	S	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.	lighting is ready for inspection	Prior to the start of commercial operation of the project	11/12/2020		Not Started										SERC	GAL

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2 All Phases	5						6/30/2040							Construction						
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
VIS 376	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-4f	COM/OPS	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 378	VIS-4g	COM/OPS	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 mitigation plan	Status Report	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	DSR
VIS 379	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 380	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 V	WASTE-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.	transportation of soils for disposal	, ,	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
382			Orange County Waste and Recycling.	transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit to the	from Orange County Waste and Recycling	for disposal to Olinda Alpha Landfill	2/13/2019	2/14/2019	Completed	2/22/2019									SERC	GAL
WASTE	WASTE-1a	PC	Landfill from Orange County Waste and Recycling.	earthwork, the project owner shall submit the SMP to the CPM for	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 1	WASTE-1b	CONS	SMP Summary - See WASTE-1a		Soil Management Plan Summary	Within 25 days of completion of any earthwork	6/1/2020		Not Started										JACOBS	GAL

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2 All Ph	ases		-					6/30/2040							Construction						
4	_			Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
Technic Resour		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
WAST	TE W	ASTE-2	PC	Professional Engineer/Geologist - Provide the resume		Professional Engineer	At least 30 days prior	12/3/2018	11/30/2018	Completed	1/8/2019									JACOBS	GAL
				of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for	of site mobilization, submit the resume of the Professional	/ Geologist Resume	to the start of site mobilization														
				consultation during site characterization (if needed),	Engineer or Professional Geologist																
385 WAST	TF WA	ASTE-3a	CONS	demolition, excavation and grading activities, to the Final Engineer/Geologist Report - If seemingly	to the CPM for review and The project owner shall submit	Final reports by the	Within 5 days of	Conditional	6/12/19 (final NV%	Completed	6/12/2019	+						+		JACOBS	GAL
386			CONS	contaminated soil is identified during site	any final reports filed by the professional engineer or	engineer or geologist	receipt	Conditional	reports on 2 barrels and notification of barrel removal)	Completed	911/1013									3,0003	GAL.
WAST	TE W#	ASTE-3b	CONS	Construction Halt Notification - See WASTE-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
WAST	TE WA	ASTE-4a	PC	Construction and Demolition Environmental Resources Management Plan - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.	C & D Environmental Resources Management and Recycling Plan to Orange County's Public Works I Department for review and comment	Demolition	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
WAST	TE WA	ASTE-4b	PC	Construction and Demolition Environmental Resources Management Plan - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.	C & D Environmental Resources Management and Recycling Plan to the CPM for review and approval.	Demolition	30 days prior to the initiation of demolition activities at the site	12/3/2018	11/1/2018	Completed	1/28/2019									JACOBS	GAL
WAST	TE WA	ASTE-4c	CONS	Waste Volumes Reported in MCR - See WASTE-4a	The project owner shall also document in each monthly compliance report (MCR) the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Construction and Demolition Waste Management Plan; and update the Construction and Demolition Waste Management Plan as necessary to address current waste generation and management practices.		Monthly	Monthly		In Progress										ARB	GAL
WAST	TE WA	ASTE-5a P	PC/CONS	Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-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 Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	buildings, and associated structures, project owner shall	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

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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
WASTE V	WASTE-5b	PC/CONS	Asbestos-Containing Materials - Prior to demolition of		Notification of	No less than 60 days	12/6/2018	2/13/2019	Completed	2/22/2019									AEC	GAL
			pipelines, buildings, and associated structures, the project owner shall survey for asbestos-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 Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	the Notification of Demolition or Renovation Form to the CPM for review.	Demolition or Renovation Form to CPM	prior to commencement of structure demolition														
392																				
WASTE	WASTE-5c	PC/CONS	Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-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 Quality Management District Notification of Demolition or Renovation Form to the CPM as related	the project owner shall inform the CPM, via the Monthly Compliance	Compliance Reports	Monthly Compliance Report	Monthly		Completed	4/13/2019									SERC	GAL
WASTE	WACTE C	CONC/COM	to asbestos and other materials. Hazardous Waste Generator ID - The project owner	The are in the sum of the little are a	D	Monthly Compliance	Monthly		In December										SERC	GAL
WASTE	WASIE-0	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,	The project owner shall keep a 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 number is submittal of the number is submittal of the notification and issued number.		Report	Monthly		In Progress										SERC	GAL
WASTE	WASTE-7	CONS/OPS	Enforcement Action Notification - Upon becoming	The project owner shall notify the	Notify CPM	Within 10 days of	Conditional		Not started									+	SERC	GAL
395			aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the project itself, or against any waste hauler or disposal	CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shall		becoming aware of an impending enforcement action.														
WASTE V	WASTE-8a	COM/OPS		The project owner shall submit the Operation Waste Management Plan		No less than 30 days prior to the start of project operation	11/12/2020		Not Started										SERC	DSR

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Technical Resource Cond.	.# Pi	hase	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
WASTE WASTE-	-8b COM	M/OPS I		The project owner shall submit any required revisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of notification from the CPM that revisions are necessary.	Conditional		Not Started										SERC	DSR
397 WASTE WASTE				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 generated and management		Annual Compliance Report	12/31/2020												SERC	DSR
WASTE WASTE	E-9 CON	<u>.</u> 9	shall ensure that all 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.	The project owner shall document all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors to the CPM. Information including the location of release; date and time of release; reason for release; volume released; amount of contaminated soil/material generated; how release was managed and material cleaned up; if the release was reported; to whom the release was reported; row hom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved and actions taken to prevent a similar release or spill; and disposition of any hazardous wastes and/or contaminated soils and materials that may have been generated by the release.	s unauthorized release or spill	Within 48 hours of the date the release was discovered	Constitution	3/1/2019 6/14/2019	Completed	3/7/2019 6/18/2019									SERC	GAL
399 WORKER WORK SAFETY SAFETY-		5 6 7 8 7 8 8 8	Project Construction Safety and Health Program containing the elements listed in this condition (See		Safety Program	At least 30 days prior to start of construction	Conditional 12/3/2018	12/3/2018	Completed	1/29/2019				1/16/19	2/4/2019				ARB	GAL

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4			Revised 4/30/2019		Paced on Final 6	Staff 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
WORKER SAFETY	WORKER SAFETY-1b	PC ,	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval 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 County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall provide to the CPM a copy of a letter from the Orange County Fire Authority stating the fire department's comments on the Construction Fire Prevention Plan and the Emergency Action Plan.	Construction Health & Safety Program W/OCFA Comments CFPP and EAP	At least 30 days prior to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019	Completed	N/A				1/16/19	2/4/2019	OCFA	12/3/2018	No response	ARB	GAL
WORKER SAFETY	WORKER SAFETY-2a	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	Project Operations and Maintenance Safety and Health		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
WORKER SAFETY	WORKER SAFETY-2b		Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	the Orange County Fire Authority stating the fire department's timely comments on the Operations Fire Prevention Plan, Fire Protection System Impairment Program, and Emergency Action	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
	WORKER SAFETY-3a	PC	Construction Safety Supervisor - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See Decision WORKER SAFETY-3 for specifications). The CSS shall perform the duties listed in this condition.	information for the Construction	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
	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 day.	Replacement CSS Name/Contact	Within one business day	Conditional		Not started					conditional					ARB	GAL
WORKER SAFETY	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)	information for MCR	Monthly	Monthly		In Progress					Monthly					ARB	GAL
WORKER SAFETY	WORKER SAFETY-4		Agreement to Fund Safety Monitor - The project owner shall make payments to the Delegate Chief Building 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 DCBO. The Safety Monitor shall be selected from an independent company not affiliated with the DCBO and report directly to the DCBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification WORKER SAFETY-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	proof of its agreement to fund the Safety Monitor services to the		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

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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 WORKER SAFETY-5:		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	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
WORKER WORKER SAFETY-SI		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 SAFETY-S). The training norgam shall be submitted to the CPM for	training and maintenance program	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
WORKER WORKER SAFETY SAFETY-6:		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 Code and the 2016 (or latest edition) California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	to the Orange County Fire	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
WORKER WORKER SAFETY-6		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 Code and the 2016 (or latest edition) California Fire Code. A secondary access must be	to the CPM for review and	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
WORKER WORKER SAFETY SAFETY-6		Emergency Access Plan, Revised - See WORKERSAFETY- 6a	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/ arrangement for the secondary emergency access road, to the Orange County Fire Authority for review and timely comment		90 days before a change to the secondary access would occur	Conditional							1/18/2019 (Ref Only)	1/18/2019	OCFA			JACOBS	GAL
WORKER SAFETY-6		Emergency Access Plan, Revised - See WORKERSAFETY- 6a	If a change to the secondary access is proposed by the project owner must submit the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the CPM for review and approval.		91 days before a change to the secondary access would occur	Conditional		Not started					1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL
WORKER WORKER SAFETY SAFETY-7:		Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850. 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 owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	that the project adheres to all applicable provisions of NFPA 850.		to the start of	7/28/2019		In Progress							OCFA OCFA	2/4/2019 11/21/19		POWER	ТАТ
WORKER WORKER SAFETY SAFETY-7I		Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: 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 owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the CPM for review and approval		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

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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 WORKER SAFETY SAFETY-76		Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: 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 owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the DCBO for plan check approval and construction inspection.		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 7-9.0 10/16/19	7-1.0: \$/14/19 7-2.0: \$/15/19 7-3.0: \$/15/19 7-4.0: 7-5.0: 7-5.0: 7-6.0: \$/14/19 7-9.0 10/29/19				Power	GAL
WORKER WORKER SAFETY SAFETY-8a		UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, 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 responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	design certification for the ESS, or copy of the contract with UL to	At least 60 days prior to the start of construction of BESS	10/3/2019	11/1/2018	Completed	11/13/2018									SERC	GAL
WORKER WORKER SAFETY SAFETY- 8a.1	PC	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, 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 responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	certification for the ESS, or copy of the contract with UL to perform field	At least 60 days prior to the start of construction of BESS	10/3/2019		Completed					(Ref Only)					SERC	GAL
WORKER WORKER SAFETY SAFETY-8b		UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, 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 responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	the complete ESS 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 WORKER SAFETY SAFETY- 8b.1		UL Standard for Safety for Energy Storage Systems and	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

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Technical Resource	Cond.	# Ph	nase	Revised 4/30/2019 Description	Verification/Action/Submittal	Based on Final S 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	WORKE SAFETY 8b.2	Υ-	t E S F C C S I	hat the lithium ion battery energy storage system has IL Standard for Safety for Energy Storage Systems and quipment, UL 9540 certification. The project owner hall submit the certification along with the fire rotection drawings and specifications for the ESS to he Orange County Fire Authority for review and omment and to the CPM for review and approval. The troject owner shall also collaborate with the Orange ounty Fire Authority to assist the development of tandard operating procedures for first responders to mplement when confronting a fire occurring within the thium ion ESS located on site.	CBO for reference only.	UL 9540 certification and drawings and specifications for the 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	WORKE		t E S F C C S I	JL 9540 Certification - The project owner shall ensure hat the lithium ion battery energy storage system has JL Standard for Safety for Energy Storage Systems and quipment, UL 9540 certification. The project owner hall submit the certification along with the fire rotection drawings and specifications for the ESS to the Orange County Fire Authority for review and omment and to the CPM for review and approval. The roject owner shall also collaborate with the Orange county Fire Authority to assist the development of tandard operating procedures for first responders to mplement when confronting a fire occurring within the thium ion ESS located on site.	have been reviewed and meet UL 9540 requirements for performing a field certification to the CPM	Letter from UL to CPM	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started										SERC	GAL
WORKER SAFETY	WORKE SAFETY-8		t E S F t C S I I	hat the lithium ion battery energy storage system has JL Standard for Safety for Energy Storage Systems and quipment, UL 9540 certification. The project owner	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 9540 requirements for performing a field certification to the CBO	Letter from UL to 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	WORKE SAFETY-		ONS L		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
WORKER SAFETY	WORKE SAFETY 8e.1	Υ-	DNS L		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 to the CBO for reference only.	Copy of letter to 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	WORKE SAFETY		ONS F	inal UL Certification of ESS - See WORKERSAFETY-8a		of ESS to CPM.	Prior to the start of BESS commissioning	4/14/2020		Not Started										SERC	GAL
WORKER SAFETY	WORKE SAFETY-8		ONS F		The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CBO.	of ESS to CBO for	Prior to the start of BESS commissioning	4/14/2020							(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

November 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 December 9, 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 November 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 November 2019, project construction activities occurred at both the SERC site and 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 at



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 November 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 November 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN			
SERC Site					
CAT	Rough Terrain Forklift	SF7A56			
CAT	308E2 Excavator	DA7T55			
CAT	259D Skid Steer loader	JX4T34			
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	600AJ Articulating Boom Lift	NL7M56			
JLG	860SJ 85' Boom lift	SG9H76			
JLG	Boom Lift	XM8N56			
JLG	800AJ Boom Lift	SX6J96			



Manufacturer	Equipment Name	EIN
JLG	660SJ Boom Lift	JJ6V59
Manitowoc	Manitowoc 999	TX5P83
Xtreme	XR1255 Forklift	VC6G63
Xtreme	XR2045 Forklift	VT6H48
9	SCE Site – Substation/Sub-transmission	on
Bobcat	S770	VD5L46
Bobcat	E32	JX8N65
Caterpillar	450F	UU6G94
Caterpillar	450	MU4K93
Caterpillar	450	TL8K73
GEHL	RS5-19	NW8R57
JLG	1732	YL6547
SNORKEL	AB60J	EX9H48
SNORKEL	AB-85R	JY8C64
SNORKEL	A46JRT	GP3K57
SNORKEL	A46JRT	NL4F64

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. Maintenance letters for four pieces of equipment at the SCE site were not available at the time this report was prepared. These letters will be submitted as an addendum or with December's report when they are available.

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

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 11/1/2019 Michael Malsy Digitally signed by Michael Malsy Date: 019:12.02 04:10:09		Form: SERC-CAQ-001
	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?	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?	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: November 4, 2019 Jon Kimble Distribute Description Kimble Descr			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	

	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?	Y	
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?	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	N	
(Form SERC-CAQ-003).		

^{*} 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: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02 04-11:15 Michael Malsy Date: 2019-12-02 04-11:15		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: Michael Malsy Digitally aigned by Michael Malsy Date: 11/6/2019 Michael Malsy Digitally aigned by Michael Malsy Date: 2019.12.02 04:11:43		Form: SERC-CAQ-001
	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?	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?	Y	
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?	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 Date: 2019-12-02-04-12-27 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-12-27 Date: 11/7/2019		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	
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?	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: Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02 04:13:21 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02 04:13:21		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?	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?	Y	
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	
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ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02 04-14-37 Michael Malsy Date: 2019-12-02 04-14-37		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?	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?	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 signed by Michael Malsy Date: 2019 12 22 04 15 :09 Date: 2019 12 22 04 15 :09		Form: SERC-CAQ-001
	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?	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: Mike Malsy Digitally aigned by Michael Malsy Date: 11/13/2019 Michael Malsy Digitally aigned by Michael Malsy Date: 2019.12.02 04:15.51		Form: SERC-CAQ-001
	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?	Y	
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?	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 Date: Date: 11/14/2019		Form: SERC-CAQ-001
	I _	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?	Y	
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?	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 Delegate 2019-12-02-04-16-53 Date: 11/15/2019		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	
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?	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 signed by Michael Malsy Delegate 2019.12.02 04:17:52 Date: 11/18/2019		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?	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 signed by Michael Malsy Desc. 2019, 12:02:04:18:18		Form: SERC-CAQ-001
	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?	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?	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 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: Date: Mike Malsy Digitally signed by Michael Malsy		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?	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?	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 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: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Date: 2019-12-02-04-20-02 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-20-02 Michael Malsy Date: 2019-12-02-04-04-04-04-04-04-04-04-04-04-04-04-04-		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?	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: Michael Malsy Digitally aigned by Michael Malsy Date: 11/22/2019 Michael Malsy Digitally aigned by Michael Malsy Date: 2019.12.02 04.20.37		Form: SERC-CAQ-001
	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?	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?	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:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Mike Malsy Digitally signed by Michael Malsy Delegate 2019.12.02 04.21.18		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?*	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:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Mike Malsy Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02 04-21-43 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02 04-21-43		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: Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-22-31 Michael Malsy Digitally signed by Michael Malsy Date: 2019-12-02-04-22-31		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?	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:		

Month/Yov	9019	Sweepi	ng Area Sweep	ing Area (Check	if Swept)	Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		4,000
21-1-1	3 /600					Ruffl	
11-1-1	9 145					light	
11.4						Kull	
11.4.	9 215				~	Melk	
1151	100				-	Mac/K	
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112	1 000		1			Ten//	

Month/Ye	ar: <u>2019</u>	Sweepi	ng A rea Sweep	ing Area (Check	c if Swept)		
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
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	1030					Kulk	
	200				Comment of the second s	Kustle	
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11.18.10						A. A.	
11-20-1						lach	
11-201	1 -00				particular de la companya de la comp	Mul	
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11.27.1	/				4 manufacture	- A.K	
<u> </u>		-				Kulh	
11-22-10						tank	
11.25,	7				60		
11.251	5 200					and the second	

Month/Year: Nov 2019		Sweepi	ng Area Sweepi	ing Area (Check	Operator Signature	Notes	
Date	Time	Onsite	Fern	Pacific	Dale		Notes
11.26.19	1040 900 750 900		****		All the state of t	11/1	
11.26-19	200				6	///	
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11.27.19	700				A Comment of the Comm	Kaik Kaik Kuik	

Month/Year: NOV 2019		Sweepi	ng Area Sweepi	ng Area (Check	Operator Signature	Notes	
Date	Time	Onsite	Fern	Pacific	Dale	operator signature	·
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11-20-19			V	· ~		A Spinh	
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			1				



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

AQCMM or Delegate name:	Robert Dixon	F	Form: SERC-66KV_CAQ-00
AQCMM or Delegate signatu	re: Robert Dixon		
Date: 11-1-19			

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	in no, describe corrective action required analyor in progress
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:

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-00
AQCMM or Delegate signatu	e: Robert Dixon	
Date: 11-2-19		

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	in no, describe corrective action required analyor in progress
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:

Form: SERC-66KV_CAQ-001

AQCMM or Delegate name:	Robert Dixon
AQCMM or Delegate signature	Robert Dixon
Date: 11-4-19	

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

AQCMM or Delegate name: Robert Dixon	Form: SERC-66KV_CAQ-001
AQCMM or Delegate signature: Robert Dixon	
Date:	

	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?	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

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-001
AQCMM or Delegate signatu	rre: Robert Dixon	
Date: 11-6-19		

	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?	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 NOTE	S
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AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-001
AQCMM or Delegate signatur	re: Robert Dixon	
Date: 11-7-19		

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	in noy describe corrective detroit required analy or in progress
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:

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-001
AQCMM or Delegate signatur	_{e:} R <u>obert Dixon</u>	
Date: 11-8-19		

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	in noy describe corrective detroit required analy or in progress
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	

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ADDITIONAL NOTE	S
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Jason Crumb
ure: Jason ound
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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?	yes	and the second s
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of reeboard prior to leaving the project site?	yes	
re wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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 egularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-5C4 and complete the Visible Dust Plume Response Form Form SERC-CAQ-003}.	no	

^{*} 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.

TIONAL NOTES:			***************************************

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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 blume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form Form SERC-CAQ-003).	no	
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.
	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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 egularly occupied structures not owned by the project owner? If yes, implement the dust blume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form Form SERC-CAQ-003].	no	
The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient w	wetting to I	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCM	M or Delegate name:	Jason Crun	de	
		11	and	
AQCM	M or Delegate signatur	e: you	any-	
Date:	11/15/19	1		

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	yes	
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).	no	

^{*} 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: Ignain Lamborn In
AQCMM or Delegate signature:
Date: 1114 119.

Form: SERC-66KV_CAQ-001 (subtransmission)

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	f no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	yes.	vivo desense corrective action required and/or in progress
Are speed limit signs posted at the main entrances?	yes.	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	1105 -	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Wes-	
Are unpaved exits graveled or treated to prevent track-out?	1119.	
Are equipment and vehicles using designated onsite roads?	wes.	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	ves-	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes-	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	ues .	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of reeboard prior to leaving the project site?	ncs.	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	res.	
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 egularly 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). The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	40.	

or becompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

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AQCMM or Delegate name: Form: SERC-66KV_CAQ-001 AQCMM or Delegate signature: (subtransmission) Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item If no, describe corrective action required and/or in progress (yes/no) Are all unpaved roads and disturbed areas watered as frequently as necessary? Are speed limit signs posted at the main entrances? Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? 1125 Are unpaved exits graveled or treated to prevent track-out? Are equipment and vehicles using designated onsite roads? Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?* Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? 1109 Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds? 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? yes Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? win 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 10 plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003). * 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: Ignatio laubaren du		
AQCMM or Delegate signature:		Form: SERC-66KV_CAQ-001 (subtransmission)
Date: 11 18 19		()
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response	
Are all unpaved roads and disturbed areas watered as frequently as necessary?		If no, describe corrective action required and/or in progress
Are speed limit signs posted at the main entrances?	145	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	us	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	145	
Are unpaved exits graveled or treated to prevent track-out?	1	
Are equipment and vehicles using designated onsite roads?	nes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	res	
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 dust suppressant compounds?	yes Nes	
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?	nes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	0	
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	yes	
Form SERC-CAQ-003).	ho	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	wetting to li	mit the visible dust emissions. He of blancation
	J	and the desired state contained to the state of the state
ADDITIONAL NOTES:		

AQCMM or Delegate name: Form: SERC-66KV_CAQ-001 AQCMM or Delegate signature: (subtransmission) Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item If no, describe corrective action required and/or in progress (yes/no) Are all unpaved roads and disturbed areas watered as frequently as necessary? Are speed limit signs posted at the main entrances? Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? 1/25 Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Nes Are equipment and vehicles using designated onsite roads? 1/05 Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?* 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 dust suppressant compounds? Are trucks carrying buik materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site? Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? 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). * 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: Form: SERC-66KV_CAQ-001 AQCMM or Delegate signature: (subtransmission) 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? Are speed limit signs posted at the main entrances? 1417 Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? 1105 Are unpaved exits graveled or treated to prevent track-out? Are equipment and vehicles using designated onsite roads? Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?* Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? 465 Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds? 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? Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? 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). * 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: Form: SERC-66KV CAQ-001 (subtransmission) 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? Are speed limit signs posted at the main entrances? Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? 21.09 Are unpaved exits graveled or treated to prevent track-out? Are equipment and vehicles using designated onsite roads? Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?* 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 dust suppressant compounds? 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? Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? 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). * 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: Iquidity AQCMM or Delegate signature: Form: SERC-66KV CAQ-001 (subtransmission) 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? Are speed limit signs posted at the main entrances? Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? yes. Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Are equipment and vehicles using designated onsite roads? WES. Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?* 1114 Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? UG . Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds? 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? Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? 11800 . 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). * 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:

(16-AFC-01C) AQCMM or Delegate name: Form: SERC-66KV_CAQ-001 AQCMM or Delegate signature: (subtransmission) 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? Are speed limit signs posted at the main entrances? Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? wh Are unpaved exits graveled or treated to prevent track-out? Are equipment and vehicles using designated onsite roads? ひしつ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?* Wer Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? W Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds? WS. 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? Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? 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). * 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:	



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

SERC Offroad Diesel Equipment Inventory November 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	<u>Serial Number</u>	<u>Owner</u>	Renter	<u>Manufacturer</u>	Engine Family	Engine Model	Displacement (L)	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	ECR2353I - 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	will only be on site for a few days
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	
	Onsite									Perkins Engine										Formerly SERC_012 (was removedon
3/22/2019	4/25/2019	SF7A56 LG4L96	SERC_016 SERC_017	CAT Genie	Rough Terrain Forklift Aerial Lift	2012	KDE00312 50845	ARB United Rentals	ARB Newtron	Company Deutz AG	CPKXL04.4MK1 DDZXL02.9021	C4.4 D2.9L4	2.925	2012	44800893 11511469	125 49	4I T4	u-r-022-0176-1 u-r-013-0443	Green Tag issued on 3/22/2019 Green Tag Issued on 4/1/2019	3/19 for repairs and returned on 3/22)
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	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	Rentals Savala Equipment	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	Rentals 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	11/21/2019	TX5P83	SERC_31	Manitowoc	Manitowoc 999	2002	9991103	Maxim Crane Works	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	(,,,
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	11/4/2019	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	
11/4/2019	Onsite	DA7T55	SERC_038	CAT	308E2 Excavator	2014	FXJ01664	ARB	ARB	Kubota	EKBXL03.3EKD	C3.3B	3.3	2014	8EE2909	65	4	u-r-025-0614	Green Tag issued 11/21/2019	
11/4/2019	Onsite	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB	DeutZ	GDZXL02.9020	TD2.9L4	2.92	2016	11867769	67	4	u-r-013-0506	Green Tag issued 11/21/2019	
11/19/2019	Onsite	JX4T34	SERC_040	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JKBXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 11/21/2019	

SERC Offroad Diesel Equipment Inventory November 2019

					Equipment					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>	<u>Renter</u>	<u>Manufacturer</u>	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	<u>Diesel</u> (hp)	er Engine Certifica	ion on File Co	ompliance Tag	<u>Notes</u>
11/20/2019	Onsite	SX6J96	SERC_041	JLG	800AJ Boom Lift	2018	10790746	United Rentals	Newtron	Deutz	JDZXL02.9020	TD2.94L4	2.9	2018	12165591	67	4 u-r-013-	553 Green Ta	ag issued 11/21/2019	
11/21/2019	Onsite	JJ6V59	SERC_042	JLG Boom Lift	660SJ Boom Lift	2018	300246305	Sunstate	ARB	Deutz	JDZXL02.9020	TD2.9L4	2.92	2018	12163940	67	4 u-r-013-	553 Green Ta	ag issued 11/21/2019	

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature Date: 11/1/2019	e: Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04.08.39 -0800*	

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: 2019.11.04 15:46:20 -08'00'					
N							

Date: November 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.

DDITIONAL NOTES:	
arge Excavator delivered today.	

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Date: 2019.12.02 03:50.05-0800'	
Date: 11/5/2019		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	1	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: 2019.12.02 03:50:56 -08'00'	
Date: 11/6/2019		

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-003
AQCMM or Delegate signatur	re: Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 03:51:32 -08'00'	
Date:11/7/2019		

	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.

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AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature:	Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 03:52:13 -08'00'	
Date:11/8/2019		

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-0
AQCMM or Delegate signature: Michael Malsy Date: 2019.12.02 03:56:19-0800	
Date: 11/11/2019	

	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: 2019.12.02 03:56:48-0800	
11/12/2019	

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.

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AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-0
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 03:57:29-0800*	
Date: 11/13/2019	

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.

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AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-0
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Ma	
11/14/2019	

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-0
AQCMM or Delegate signature: Michael Malsy Date: 2019.12.02 03:58:50-0800	
Date: 11/15/2019	

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:	
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AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Date: 2019.12.02 04:00:11 -08'00'	
Date: 11/18/2019		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5) Has any off-road diesel equipment been delivered to the site today?	Response (yes/no)	Action 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 signatur	Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:00:45 -08'00'	
_ 11/19/2019		

	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:	
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AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:01:42 -08'00'	
Data: 11/20/2019		

	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:	
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AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Ma	
Date: 11/21/2019	

	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?	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.

ADDITIONAL NOTES:	
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AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:03.28-08007	
11/22/2019	

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:	
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AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:04:50 -08'00'	
11/25/2019		

	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:	
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AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:05:22-08:00	
11/26/2019	

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:	
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AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:05:57 -08'00'	
11/27/2019		

	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:	
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December 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	Rente
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
9/23/2019	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
11/4/2019	Onsite	DA7T55	SERC_038	CAT	308E2 Excavator	2014	FXJ01664	ARB	ARB
11/4/2019	Onsite	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB
11/19/2019	Onsite	JX4T34	SERC_040	CAT	259D Skid Steer loader 2019 FTL20141		Quinn Heavy Rents	ARB	
11/21/2019	21/2019 Onsite JJ6V59 SERC_042		JLG Boom Lift	660SJ Boom Lift	2018	300246305	Sunstate	ARB	



Respectfully,

Steven Fischer

ARB, Inc.

Project Manager



September 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
JLG BOOM LIFT 80' ART	SX6J96	10790746

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager



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

SERC 66 KV Interconnection - Offroad Diesel Equipment Inventory November 2019 (Substation)

						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	Serial Number	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	<u>Diesel</u> <u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
10/21/2019	11/15/2019	VD5L46	SERC_66KV_01	Bobcat	S770	2017	AT5A12704	RJ ALLEN		Doosan	HDICL03.4LEA	D34P	3.4	2017	34P7031263LEL02	92 4F	u-r-019-0147-1	Green tag issued 10/22/2019	
10/21/2019	11/15/2019	UU6G94	SERC_66KV_02	Caterpillar	450F	2018	HJR00830	RJ ALLEN		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	11/15/2019	JX8N65	SERC_66KV_03	Bobcat	E32	2014	B2VV11390	RJ ALLEN		Doosan	EDICL01.8LEA	D18NAP	1.8	2014	D18NAP4001190E0	33 4F	u-r-019-0130	Green tag issued 10/22/2019	
10/21/2019	11/15/2019	MU4K93	SERC_66KV_04	Caterpillar	450	2019	0KJH00203	RJ ALLEN		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	10/28/2019	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	No longer in use.
10/25/2019	11/15/2019	EX9H48	SERC_66KV_05	SNORKEL	AB60J	2015	AB60J-04-000074	SUNBELT/KING	SCE	KUBOTA	CKBSL02.4HAD	V2403		2015	7FC9905	NA 4I	u-r-025-0664	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	JY8C64	SERC_66KV_06	SNORKEL	AB-85R	2014	AB85J-04-000024	SUNBELT/KING	SCE	DEUTZ	CDZXL03.6081	D2011L041	3.26L	2014	11340859	NA 4I	u-r-013-0487	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	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	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	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	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	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	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	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	Green tag issued 11/12/2019	

SERC Offroad Diesel Equipment Inventory November 2019 (Sub-transmission)

						Equipmer	nt					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	<u>Model</u> <u>Year</u>	Serial Number	<u>Owner</u>	Renter	<u>Manufacturer</u>	Engine Family	Engine Model	Displacem ent (L)	Model Year	Serial Number	<u>Diesel</u> (hp)	<u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
11/12/2019	Onsite	TL8K73	SERC_66KV_11	CATERPILLAR	450 / BACKHOE	2019	KJH00159	ILB	N/A	Perkins	☑ JPKXLO4.4MT1	C4.4	4.4	2019	W7N48759	142.1	T4F	u-r-022-0215	Green tag issued 11/21/2019	ILB UNIT# 6262S
Not arrived	Not arrived	TX7D55	SERC_66KV_12	WIRTGEN	W60 Ri / COLD MILLING MACHINE	2019	1505.1287	ILB	N/A	DEUTZ AG	JDZXL04.1056	TCD 4.1 L4	4.038	2018	12286820	141	T4F	u-r-013-0547	Green tag issued 11/21/2019	ILB UNIT# 6299S
Not arrived	Not arrived	PW4E96	SERC_66KV_13	DYNAPAC	F1200C / PAVING MACHINE	2016	10002122VHG002147	ILB	N/A	DEUTZ AG	GDZXL02.9020	TD2.9L4	2.925	2016	11963909	72	T4F	u-r-013-0506	Green tag issued 12/09/2019	ILB UNIT# 6194S
Not arrived	Not arrived	RN8K492	SERC_66KV_14	CATERPILLAR	CB34B / ROLLER	2017	XB400347	ILB	N/A	IHI Shibaura	GH3XL2.22NFV	C2.2	2.216	2017	2 NSD00968	48.8	T4F	u-r-026-0444	Green tag issued 11/21/2019	ILB UNIT# 6173S
12/5/2019	Onsite	CF7H64	SERC_66KV_15	CATERPILLAR	450F / BACKHOE	2017	HJR00724	ILB	N/A	CATERPILLAR	EPKXL04.4MK1	C4.4	4.4	2014	C7N38596	142	T4F	u-r-022-0191	Green tag issued 12/09/2019	ILB UNIT# 6185S

AQCMM or Delegate name:	Robert Dixon	For	rm: SERC-66KV_CAQ-003
AQCMM or Delegate signatur	Robert Dixon		
Date: 11-1-19			

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: SERC-66KV_CAQ-003
AQCMM or Delegate signatu	re: Robert Dixon	
11-2-19		

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.
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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
AQCMM or Delegate signatur	e: Robert Dixon
Date: 11-4-19	

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.
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Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

MOITIDUA	AL NOTES:

AQCMM or Delegate	name: Robert Dixon
AQCMM or Delegate	signature: Robert Dixon
Date: 11-5-19	

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: SERC-66KV_CAQ-003
AQCMM or Delegate signatu	re: Robert Dixon	
11-6-19		

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.
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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: SERC-66KV_CAQ-003
AQCMM or Delegate signatu	re: Robert Dixon	
11-7-19		

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.
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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.

MOITIDUA	AL NOTES:

AQCMM or Delegate name:	Robert Dixon	Form: SERC-66KV_CAQ-003
AQCMM or Delegate signature	Robert Dixon	
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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.
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Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

MOITIDUA	AL NOTES:

AQCMM or Delegate name: Jason crumb

AQCMM or Delegate signature: Jason Crumb

Date: 11/12/19

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action	
Has any off-road diesel equipment been delivered to the site today?		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.	
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re off-road engine fluid leaks visible?		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:

AQCMM or Delegate signature:

Jason Crumb

Date: 11/13/19

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action	
Has any off-road diesel equipment been delivered to the site today?		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?	no	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?	yes	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?	yes	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?	no	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.	

Form: SERC-CAQ-003

AC	CMM or Delegate name:	Jason Crumb
AC	CMM or Delegate signatu	re: Joseph Gumb
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Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	no	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.
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Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	yes	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?	ho	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:		

AQCMM or Delegate name:

AQCMM or Delegate signature:

Date: 11/15/19

Jason Crumb

Form: SERC-CAQ-003

Discription of Control Charles from (AQ-SCS)	Response (yes/no)	Action
Diesel-Fueled Engine Control Checklist Item (AQ-SC5) Has any off-road diesel equipment been delivered to the site today?	no	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.
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Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	yes	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?	no	if yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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AQCMM or Delegate name: Tanquo Lain boren	In
AQCMM or Delegate signature:	_
Date: 11/14/19	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	40	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?	NÔ	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?	Nes	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?	yes.	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?	70	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	10	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?	NO	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?	1115	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?	}	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?	1.10	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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re off-road engine fluid leaks visible?	No	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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Are off-road engine fluid leaks visible?	ON	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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AQCMM or Delegate name:

AQCMM or Delegate signature:

Date: 1| 21 | 19

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Date: 11 22 19	

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ADDITIONAL NOTES:

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Are off-road engine fluid leaks visible?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

AQCMM or Delegate name:	Ignació	Lamboren Fr
AQCMM or Delegate signature:	The	b
Date:		

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Are off-road engine fluid leaks visible?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:	 	



P.O. Box 3039 Riverside, CA 92519-3039

Phone: 951.682.2982 Fax: 951.788.0686

www.ilbinc.com CA CCB# 782515

December 4, 2019

W Power, LLC- Stanton Energy Reliability Center 10670 Dale Avenue Stanton, CA 90680.

Attn: Dustin Swenson Project Compliance

Re: Maintenance and Inspection of Equipment

Dear Mr. Swenson,

This letter confirms that ILB performs daily inspections and required maintenance at the regularly scheduled intervals, as required by each

manufacturer for all on-site equipment below.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
11/14/2019	Onsite	TL8K73		CATERPILLAR	450 / BACKHOE	2019	КЈН00159	ILB	N/A
Future Date	Future Date	TX7D55		WIRTGEN	W60 Ri / COLD MILLING MACHINE	2019	1505.1287	ILB	N/A
Future Date	Future Date	PW4E96		DYNAPAC	F1200C / PAVING MACHINE	2016	10002122VHG002147	ILB	N/A
Future Date	Future Date	RN8K49		CATERPILLAR	CB34B / ROLLER	2017	XB400347	ILB	N/A
12/5/2019	Onsite	CF7H64		CATERPILLAR	450F / BACKHOE	2017	HJR00724	ILB	N/A

Respectfully,

Sal Guzman, Jr.

Div. Manager/Fleet Manager

International Line Builders, Inc.

Southern California Division.

2520 Rubidoux Blvd, Riverside, CA 92509

Cell (951)202-6163 | E-Mail Sal.Guzman@ilbinc.com | www.ilbinc.com

Attachment 4 –Biological Resources





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

November 2019

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs

SERC CEC Designated Biologist

Date: December 6, 2019

Copies: Sharon Stureman, SERC, LLC

Doug Davy, Jacobs Karen Parker, Jacobs

1. Introduction

This November 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from November 1 through November 30, 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 November 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 November 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.

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2.1 Activities Monitored

SERC construction activities were monitored weekly from November 1 through November 30, 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 November 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 November 2019. A list of wildlife species observed during monitoring is included in Appendix B.

2.4 Wildlife Injuries and Mortalities

No injured or dead wildlife species were observed within the SERC project locations during the November 2019 reporting period.

2.5 Hazardous Material Spills

No hazardous material spills occurred at the project site during the November 2019 reporting period.

2.6 Non-Compliance Report

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



3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 57 persons completed the SERC WEAP training in November 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix C.

Appendix A
Biological Resources Compliance
Monitoring Logs

Date				Time (Begin-End)		
11/4/2019	11/4/2019 Will Molland-Simms				0615-1500	
Temperature (°F)	Wind	d (mph) Precipitation Visibility		Visibility	Weather Comment	
54 @0630	()-5	0.0	Unlimited	Clear, light winds	

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 foremen, Jason Crumb and Robert Dixon. Mr. Crumb advised that four new crew members needed training 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 were either covered, had wooden ramps leading from the excavations, or contained dirt berms allowing for potentially trapped wildlife to exit the trench.

0645- Mr. Crumb conducted a tailboard going over the work plan for the day and relevant safety concerns. He, along with Mr. Dixon, advised the crew would be continue excavating in multiple spots within the substation as well as pouring cement in excavations that were completed. He advised that cement trucks would be making multiple trips throughout the day. Mr. Dixon was reminded that all new excavations should be ramped or covered. Mr. Crumb advised that crews would be working on electrical systems throughout the substation today. Two additional crew members, SWPPP inspectors, came forward and advised they needed WEAP training.

0700- A WEAP training was carried out for the six new crew members 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. Once the area was cleared, the crew worked on installing conduit and other piping in the trench. The crew worked in this manner throughout the day. Other SCE crews framed and otherwise worked with the electrical structures throughout the site.

0745- Designated Biologist, Ava Edens, was contacted and advised that only 8 WEAP stickers remained on-site. She advised that she would obtain more stickers and bring them to the site tomorrow, 11/5.

0930- The first cement truck arrived on-site, and cement was poured into the excavations. Cement trucks came to the site for the duration of the morning.

1100- The crews broke for lunch.

1200- The crew continued working on excavations and installing conduit.

1330- Project Manager, Travis Tolliver, contacted Mr. Molland-Simms and requested to know if the crew would be working next Monday, November 11th, due to the Veterans Day holiday. Mr. Molland-Simms asked SCE foreman, Jason Crumb, and he advised the crews would not be working on Monday in honor of the holiday.

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:

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



Location

Barre Substation

Description

A covered excavation observed on-site. Looking north.

Photo 2



Location

Barre Substation

Description

The crew reviewing future work planned throughout the substation. Looking south.



Location

Barre Substation

Description

The crew excavating in the main pit and working on conduit. Looking north.

Photo 4



Location

Barre Substation

Description

The crew working on electrical systems in the substation. Looking north.



Location

Barre Substation

Description

Pouring cement into the excavations at the main pit. Looking west.

Photo 6



Location

Barre Substation

Description

Continued excavation and conduit work at the Barre substation. Looking east.

Date Monitor				Monitor		Time (Begin-End)
November 5, 2	November 5, 2019 Ava Edens (DB)				1230-1545	
Temperature (°F)	Wind	(mph) Precipitation amount Visibility		Weather Comment		
76 – 77	0 - 5		0 in	Good	CI	lear 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.

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 Ravenswood Drive (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:

• Six stray cats observed at the end of the day near the SERC entrance off Fern Ave. Cat food is being left out side of the project area, along the sidewalk. It is unknown who is feeding the cats.

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*), American Kestrel (*Falco sparverius*), northern mockingbird (*Mimus polyglottos*), and house finch (*Haemorhous mexicanus*).



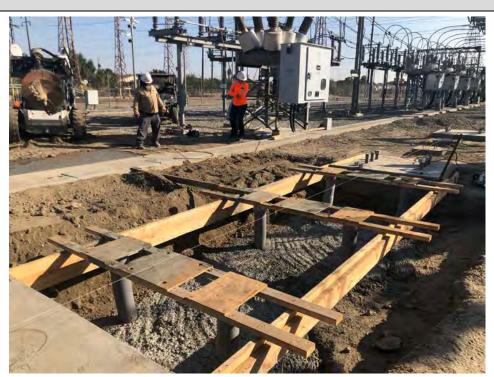
Location

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.

Photo 2



Location

Barre Substation – SCE Gen-Tie Line

Description

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



Location

Barre Substation – SCE Gen-Tie Line

Description

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

Photo 4



Location

Barre Substation – SCE Gen-Tie Line

Description

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



Location

Greek Orthodox Church Laydown Yard

Description

View south-southwest of the Greek Orthodox Church Laydown Yard being used by SoCal Gas for the natural gas pipeline.

Photo 6



Location

Dale Avenue Gas Pipeline

Description

View east-northeast at the Dale Avenue and Westhaven Drive intersection at ongoing pipeline construction and installation.



Location

SERC - Eastern Parcel

Description

View east from south portion of the Eastern SERC parcel at ongoing construction activities.

Photo 8



Location

SERC - Eastern Parcel

Description

View east at dust suppression efforts on the Eastern SERC parcel.



Location

SERC - Western Parcel

Description

View southwest of break/lunch area at the end of the work day. Trash is covered and no food trash was observed.

Photo 10



Location

SERC - Western Parcel

Description

View north-northwest of SERC entrance off Fern Avenue at the end of the workday. Stray cats observed in the area and are being fed by public off-site.

Date				Time (Begin-End)		
11/8/19			V	0630-1230		
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
57-84	С	alm	n/a	Clear		

Location(s) of Work Site Activities Monitored

Barre Substation

0630 Biologist arrived on-site and met with foreman Bob Dixon. He told the biologist that underground work was expected to be finished in the substation today after ground cables were attached and the trenches backfilled.

0645 A tailboard was held with Bob Dixon and Jason Crumb discussing the plan for the day. Work in the trenches would continue near the racks along with above ground electrical work throughout the substation. The biologist advised crews to ramp open trenches at the end of the day.

0700 Work began with a mini-ex trenching a small area near the recently poured concrete. Electrical work commenced to the north of the excavations.

1130 All ground cables were connected and a mini-ex began backfilling the trenches.

1200 Work began to wrap up because the electrician spotter for the digging crew left for the day. The trenches were backfilled except for an approximately 15 ft long section that will need to be finished on Tuesday. The trench was about a foot deep and very gently sloped on all sides.

1230 The site was checked by the biologist and no compliance concerns were observed. The biologist left the site.

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, Eurasian collared dove, black phoebe, house finch, western kingbird, mourning dove, northern mockingbird



Location

Barre Substation

Description

Work area prior to construction activity

Photo 2



Location

Barre Substation

Description

Work area during a break



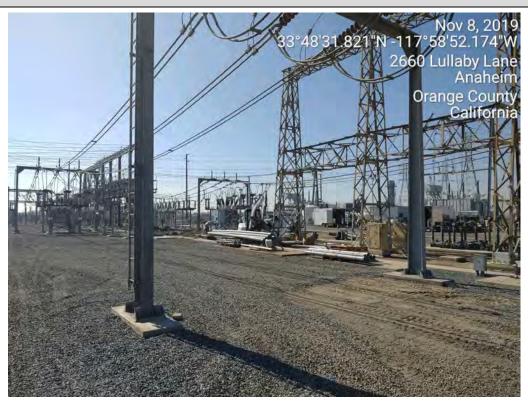
Location

Barre Substation

Description

Open trenches with ground cables waiting to be connected.

Photo 4



Location

Barre Substation

Description

Mini-ex digging while a worker applies water to control dust.



Location

Barre Substation

Description

Work site at the end of the day with sloped ends.

Date				Time (Begin-End)		
November 12, 2	2019	Ava Edens (DB)			1000-1300	
Temperature (°F)	Wind	d (mph) Precipitation Wisibility amount		We	eather Comment	
67 - 68	0	- 5	0 in	Good	C	lear 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.

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

Eastern Laydown – Activities included parking and storage 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.

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 Ravenswood Drive (south). Activities included trenching, pipe installation, and saw cutting concrete.

SCE:

Gen-Tie Line – Monitored 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*), northern mockingbird (*Mimus polyglottos*), and house finch (*Haemorhous mexicanus*).



Location

Barre Substation – SCE Gen-Tie Line

Description

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

Photo 2

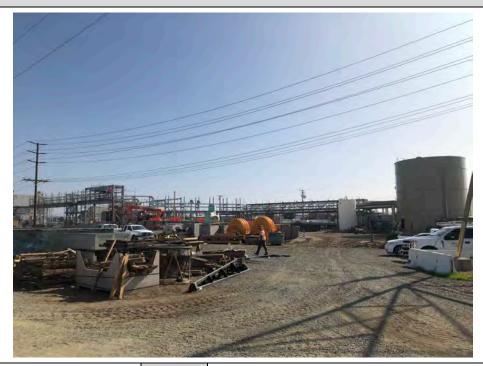


Location

Barre Substation – SCE Gen-Tie Line

Description

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



Location

SERC – Western Laydown and Parcel

Description

View south-southeast of ongoing construction on the western SERC parcel from the western laydown yard.

Photo 4



Location

SERC - Western Laydown

Description

View east of the western laydown yard adjacent to the SERC site.



Location

SERC – Eastern Laydown and Parcel

Description

View southeast of ongoing construction on the eastern SERC parcel from the eastern laydown yard.

Photo 6



Location

SERC – Eastern Laydown and Parcel

Description

View south-southeast of ongoing construction on the eastern SERC parcel from the eastern laydown yard.



Location

SERC - Western Parcel

Description

View west of the parking and trailers on the Western SERC parcel.

Photo 8



Location

Greek Orthodox Church Laydown Yard

Description

View south of the Greek Orthodox Church Laydown Yard being used by SoCal Gas for the natural gas pipeline.



Location

Dale Avenue Gas Pipeline

Description

View north along Dale Avenue at Stoneybrook Drive intersection at ongoing pipeline construction and installation.

Photo 10



Location

Dale Avenue Gas Pipeline

Description

View south along Dale Avenue at Stoneybrook Drive intersection at ongoing pipeline construction and installation.

Date				Time (Begin-End)		
11/14/19			V	0630-1320		
Temperature (°F)	Wind (mph)		Precipitation Visibility		Weather Comment	
57-71	C	alm	n/a	Cloudy then clear		

Location(s) of Work Site Activities Monitored

Barre Substation

0630 Biologist arrived on-site and set up for a WEAP presentation.

0700 8 employees of International Line Builders (ILB) were trained and received their WEAP stickers

0900 2 employees of SCE were trained and received their WEAP stickers

1000 A job walk occurred along the proposed trenching line with the 2 SCE employees and 5 of the ILB employees including superintendent Ignacio Lambara and the foreman on site, Gregory Tellez. Plans to avoid underground utilities along with the location of the staging area were discussed. An area just north of the railroad tracks, off of Dale st was chosen for its convenience but also the presence of security cameras.

1100 The ILB foreman along with 3 workers laid down plastic and put wattles around the edges to create an area that will contain spills, for storing equipment. Other equipment such as a backhoe, generator, and traffic signs were dropped off at the site.

1320 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. The biologist left the site.

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, Eurasian collared dove, black phoebe, red-tailed hawk, house finch, western kingbird, mourning dove



Location

Vault 2 location

Description

Location of vault number 2 to the south of the substation

Photo 2



Location

Vault number 1

Description

Workers measuring off the dimensions of a vault



Location

Staging area

Description

Staging area with plastic and wattles to prevent spills

Date				Time (Begin-End)		
11/15/19	11/15/19			Villiam Roberts	0630-1530	
Temperature (°F)	Win	d (mph)	Precipitation Visibility		We	eather Comment
57-69	C	alm	n/a	Cloudy then clear		

Location(s) of Work Site Activities Monitored

Barre Substation

0630 Biologist arrived on-site and met with Gregory Tellez and his crew for a tailboard. Gregory outlined the plan for the day which was to pothole in 4 locations including both vaults. He also emphasized to his crew the need to ramp or cover any trenches.

0700 3 ILB workers began potholing with a backhoe at vault location #2 (closer to Peaker) while two others began potholing with hand tools alongside the Barre substation, next to the nursery. At the same time, Sunmin Choi, an employee of Paleo solutions, received WEAP training.

1000 The backhoe was temporarily finished at vault location #2 and it moved to vault location #1 (closer to Barre). Workers with hand tools finished working alongside the fence, backfilled the holes they dug, and moved to vault location #2.

1330 With the other work complete the crew moved back to vault #2 to finish one more pothole. The pothole at vault location #1 was backfilled upon completion. Due to the crew finding copper wiring in a location near vault #2 extra potholes were needed which were dug with the backhoe.

1515 Potholing was finished and all the holes except one were backfilled. The one not backfilled was covered with plywood.

1530 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. The biologist left the site.

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, Eurasian collared dove, black phoebe, red-tailed hawk, house finch, western kingbird, mourning dove, California gull



Location

Vault 2 location

Description

Backhoe digging at vault number 2 near Peaker plant

Photo 2



Location

Barre Substation

Description

Workers potholing along the proposed trench line.



Location

Vault #2

Description

Backhoe excavating the second pothole near vault #2

Photo 4



Location

Vault #1 near Barre

Description

Backhoe excavating a pothole near vault #1



Location Vault #1

Description

Vault #1 backfilled and ramped

Photo 6



Location

Vault #2

Description

Plywood covering a pothole near vault #2

Date				Time (Begin-End)		
11/19/19			V	Villiam Roberts	0630-1700	
Temperature (°F)	Wind (mph)		(mph) Precipitation Visibility		We	eather Comment
60-74	C	alm	n/a	Partly cloudy		

Location(s) of Work Site Activities Monitored

Barre Substation

0645 A tailboard was held during which ILB foreman Gregory Tellez went over the plan for the day which was to install vault #2.

0700 Work began with a backhoe hauling steel plates to the location of vault 2 to be used for supporting the walls of the excavation. A water truck was also present watering down the work site.

0800 A backhoe began excavating vault 2 and loading the dirt into two dump trucks that unloaded it approximately 300 ft to the east. The dump site is the same one used during the excavation for yault 1 the previous day.

0845 WEAP training was provided for an ILB worker and a ULM/SCE worker.

1000 WEAP training was provided for an SCE employee.

1200 The excavation on vault 2 was complete and a crane arrived on site along with the vault.

1300 The vault was installed using the crane and cement trucks began arriving to pour around the vault.

1615 The cement pour stopped with approximately one foot left before ground level. Crews, using a backhoe and dump truck, backfilled the vault with fill that was removed during the excavation.

1700 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. The biologist left the site.

Summary of Biological Resources Monitoring Observations

Special-Status Species Observed: none

Nesting Bird Observations: none

Other Biological Resources Observations: none

Other Observations/Comments: One open trench was covered with plywood.

Items Requiring Action/Follow-up

N/A

Wildlife Species Observed:

common Raven, American crow, rock pigeon, Eurasian collared dove, Say's phoebe, red-tailed hawk, house finch, western kingbird, mourning dove, California gull



Location

Vault 2 location

Description

Vault 2 near Peaker plant prior to construction

Photo 2



Location

Barre Substation

Description

Stockpile from vault 1 excavation which occurred on Nov 18th



Location

Vault #2

Description Backhoe excavating vault #2

Photo 4



Location

Vault #2

Description

Cement being added to vault 2 while a crane hoists out the forms used to support the excavation.



Location

Vault 2

Description

Cement being added to Vault 2

Photo 6



Location

Vault #2

Description

vault #2 after backfilling

Stanton Energy Reliability Center (SERC) **BIOLOGICAL RESOURCES**

COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
11/21/19			William Roberts 063		0630-1700	
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
52-65	(0-3	n/a	Partly cloudy		

Location(s) of Work Site Activities Monitored

Barre Substation

0645 A tailboard was held during which ILB foreman Gregory Tellez went over the plan for the day which was to begin trenching, beginning from vault 2 and moving east.

0700 Work began with a backhoe being used to move conduit from a flatbed truck to sections along the proposed trenching route. Extra plywood that is used for supporting the trench was also staged nearby the trenching operation.

0715 One more ILB worker was WEAP trained. Meanwhile the backhoe operator began trenching at vault 2. Fill from the trenching was loaded into dump trucks and taken to the stockpile to the east. Due to the nature of the ground, which is sand like, and the recent rains, no dust resulted from this activity.

0800 As trenching progressed plywood boards were placed along the insides of the trench and supported with metal braces. This allowed workers to safely enter the trench and begin the process of installing conduit. As segments of the conduit were installed wire was pulled through them. During this time another flatbed arrived on site and workers began disassembling the forms that were used to support the excavations for the vaults.

1100 The forms used for the vault excavations were removed from site.

1215 A cement truck arrived and began filling areas of the trench were the conduit was installed. Cement trucks continued arrived, filling the trench to approximately a foot below ground level except for on both ends where the conduit was still exposed.

1600 The last cement truck left the site and workers began closing off the ends of the conduit and covering the deep parts of the trench with plywood boards and metal sheets. The section in the middle that had concrete poured on it was approximately a foot from ground level and was left open. The concrete was set enough to prevent animals from becoming stuck. Boards were placed at two locations to allow small animals a way out should they fall in.

1700 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. Two deep sections of the trench were covered, and escape ramps were placed in the shallow portions. The conduit that was exposed at either end was covered to prevent animals from entering. The biologist left the site.

Summary of Biological Resources Monitoring Observations

Special-Status Species Observed: none

Nesting Bird Observations: none

Other Biological Resources Observations: none

Other Observations/Comments: Both ends of the trench were covered with plywood and escape ramps were place in the shallow section in the middle.

Items Requiring Action/Follow-up

N/A

Wildlife Species Observed:

Eurasian collared dove, common Raven, American crow, house wren, rock pigeon, , Say's phoebe, red-tailed hawk, house finch, western kingbird, mourning dove, California gull, black phoebe



Location

Vault 2 location

Description

Vault 2 near looking west prior to trenching

Photo 2



Location

Vault 2

Description

Trenching beginning



Location

Vault #2

Description

Backhoe trenching east while workers install plywood boards to prevent a cave in while conduit in placed in the trench

Photo 4



Location

Vault #2

Description

Cement being added near vault 2



Location

Vault 2

Description

The trench at the end of the day looking east with metal plates covering the deeper part of the trench where the conduit is exposed.

Photo 6



Location

Peaker Plant

Description

Looking towards vault 2 at the end of the day. Plywood is covering the deeper part of the trench.

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

Date		Monitor			Time (Begin-En	
November 22, 2	2019			Cara Snellen	1030-1300	
Temperature (°F)	Wine	d (mph)	Precipitation amount	Visibility	We	eather Comment
67 - 69	1	2	0.0 in	Good	Clea	r to partly cloudy

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 pipe fabrication and movement of equipment/materials. No construction occurring during spot check; drip pans present under idle equipment.

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

Western Laydown - Activities include equipment storage and movement of equipment/materials.

Eastern Laydown – Activities included parking and storage 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.

SoCal Gas Sites:

Greek Orthodox Church Laydown – Activities include movement and storage of materials and office management (office trailers).

Dale Avenue Natural Gas Pipeline – Active sections extended from Dale Jr. High School (north of Ball St.) to halfway between Chanticleer and Cerritos Ave (south). Activities included trenching, pipe installation, and saw cutting concrete.

SCE:

Gen-Tie Line – Activities include 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:

Birds: Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*)



Location

SERC – Eastern Parcel

Description

Ongoing construction activities in the SERC East parcel, facing northwest.

Photo 2



Location

SERC –Western Parcel

Description

View of the SERC Western parcel, facing southeast.



Location

SERC – Eastern Laydown (SCE Parcel)

Description

Movement of materials in the Eastern Laydown, facing northeast.

Photo 4



Location

SERC – Western Laydown (SCE Parcel)

Description

Ongoing construction support activities in the Western Laydown, facing northwest.



Location

Dale Avenue Gas Pipeline

Description

Installation of pipeline north of intersection of Dale Ave and Ball St., facing east.

Photo 6



Location

Dale Avenue Gas Pipeline

Description

Excavation for pipeline at south end of Dale Ave and Ball St. intersection, facing northeast.



Location

Barre Substation – SCE Gen-Tie Line

Description

Ongoing construction activities of the SCE Gen-Tie Line in at the eastern edge of the Barre Substation, facing west.

Photo 6



Location

Barre Substation – SCE Gen-Tie Line

Description

Ongoing construction activities of the SCE Gen-Tie Line in at the eastern edge of the Barre Substation, facing west.

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

Date			Monitor			Time (Begin-End)
November 25, 2019		Cara Snellen			1200-1445	
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
66 - 68	5	- 10	0.0 in	Good	Clea	r to partly cloudy

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 pipe fabrication, electrical work, and movement of equipment/materials.

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

Western Laydown – Activities include parking, equipment storage, and movement of equipment/materials.

Eastern Laydown – Activities include parking, pipe/materials fabrication, and storage 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.

SoCal Gas Sites:

Greek Orthodox Church Laydown – Activities include pipe fabrication, movement and storage of materials, and office management (office trailers).

Dale Avenue Natural Gas Pipeline – Active sections extended from south of Crescent Ave./Greek Orthodox Church Laydown (north) to north of Lincoln Ave. (south) and Dale Jr. High School (north of Ball St.) to Winston Ave. (south). Activities included asphalt paving concrete (Crescent section), concrete pour, trenching, and pipe installation.

SCE:

Gen-Tie Line – Activities include construction on gen-tie line at Barre Substation and trenching south of the nursery (east of the substation fenceline).

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:

Birds: American crow (*Corvus brachyrhynchos*), Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), red-tailed hawk (*Buteo jamaicensis*), side blotched lizard (*Uta stansburiana*)



Location

SERC – Eastern Parcel

Description

Ongoing construction activities in the SERC East parcel, facing east.

Photo 2



Location

SERC –Western Parcel

Description

Electrical work in the Western parcel, facing southeast.



Location

SERC – Eastern Laydown (SCE Parcel)

Description

Pipe fabrication activities in the Eastern Laydown, facing southwest. \\

Photo 4



Location

SERC – Western Laydown (SCE Parcel)

Description

View of the Western Laydown, facing northwest.



Location

Dale Avenue Gas Pipeline

Description

Asphalt paving of Dale Avenue pipeline between Crescent Ave. and Lincoln Ave., facing northeast.

Photo 6



Location

Dale Avenue Gas Pipeline

Description

Concrete pour following pipe installation in trench north of Ball St., facing northeast.



Location

Dale Avenue Gas Pipeline

Description

Trench excavation at intersection of Ball St. and Dale Ave., facing northeast.

Photo 8



Location

Dale Avenue Gas Pipeline

Description

Pipe installation in trench south of Ball St./Dale Ave. intersection., facing east.



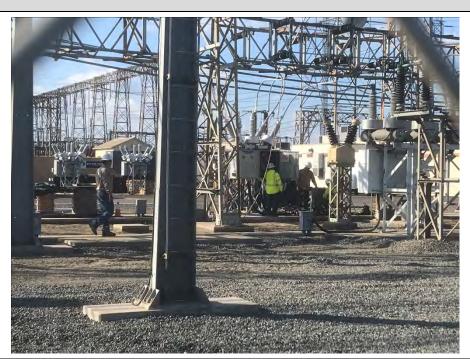
Location

Dale Avenue Gas Pipeline

Description

Overview of the Greek Orthodox Church Laydown, facing south.

Photo 10

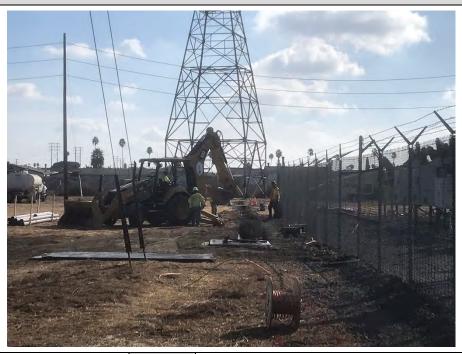


Location

Barre Substation – SCE Gen-Tie Line

Description

Ongoing construction activities of the SCE Gen-Tie Line in at the eastern edge of the Barre Substation, facing west.



Location

Barre Substation – SCE Gen-Tie Line

Description

Trench excavation for the SCE Gen-Tie Line south of the nursery directly east of the Barre Substation fence, facing south.

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

Date		Monitor			Time (Begin-End)	
11/25/19		Jo		Jonathan Gunther		0645-1600
Temperature (°F)	Wine	d (mph)	Precipitation amount	Visibility	We	eather Comment
50-68	(0-7	n/a	Partly cloudy		

Location(s) of Work Site Activities Monitored

Barre Substation

0645 Biologist arrived onsite and discussed the plan of the day with ILB foreman Gregory Tellez. The crew would continue laying conduit and backfilling the existing trenches while further excavating from the vault at the northern section.

0700 a flatbed truck delivered several pallets of conduit. The westernmost section of the trench was backfilled as conduit was installed further east and north along the trench

0800 Excavation using the backhoe began from the northern vault and working south to connect with existing trench. As trenching progressed plywood boards were placed along the insides of the trench and supported with metal braces. This allowed workers to safely enter the trench and begin the process of installing conduit. As segments of the conduit were installed wire was pulled through them.

0900 A cement truck arrived and begin filling areas of the trench where conduit was installed.

1100 One new ILB worker received WEAP training

1230 After lunch cement trucks continued to arrive for backfilling with as many as four trucks being on site.

1600 Work was complete for the day and the site was checked by the biologist. No compliance concerns were observed. All but one small section of the trench was backfilled completely with cement and covered with loose spoils. The incomplete section which was still damp was sloped in addition to being covered with plywood. The foreman ensured the biologist that the crews would continue to ramp/cover all new trenches as well as inspect conduit for wildlife before placing it in trenches.

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

N/A

Wildlife Species Observed:

Eurasian collared dove, house sparrow, rock pigeon, Say's phoebe, red-tailed hawk, house finch, mourning dove, black phoebe, white-crowned sparrow, yellow-rumped warbler, American kestrel, palm warbler, blue-gray gnatcatcher, California scrub-jay, Northern mockingbird, lesser goldfinch



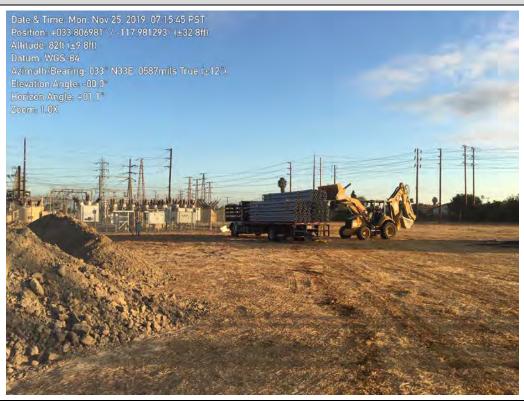
Location

Western trench

Description

Looking SE along trench as work started in morning.

Photo 2



Location

Substation boundary

Description

Delivery of conduit



Location Substation boundary

Description

Early stages of excavating the trench from the northern vault.

Photo 4



Location

Trench

Description

Facing North along trench as it is backfilled with cement.



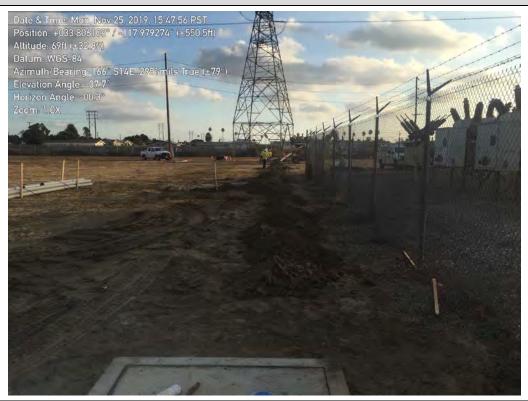
Location

Northern limits of trench

Description

Backfilling cement

Photo 6



Location

Northern limits of completed trench

Description

Looking South after backfilling the trench was complete.



Location

Trench

Description

The final section of the trench that will need to be covered with spoils. Damp section covered with plywood to avoid animal entrapment.

Appendix B Wildlife Species List

Observed Wildlife Species List November 1 – November 30, 2019 Stanton Energy Reliability Center

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	Corvus brachyrhynchos	//
American kestrel	Falco sparverius	//
Anna's hummingbird	Calypte anna	//
Black phoebe	Sayornis nigricans	/
Blue-gray gnatcatcher	Polioptila caerulea	//
California gull	Larus californicus	/
California scrub-jay	Aphelocoma californica	/
Cassin's kingbird	Tyrannus vociferans	/
Common raven	Corvus corax	/
Eurasian collared dove	Streptopelia decaocto	//NP
European starling	Sturnus vulgaris	//NP
House finch	Haemorhous mexicanus	//
House sparrow	Passer domesticus	//NP
Lesser goldfinch	Spinus psaltria	//
Mourning dove	Zenaida macroura	//
Northern mockingbird	Mimus polyglottos	//
Palm warbler	Setophaga palmarum	//
Red-tailed hawk	Buteo jamaicensis	//
Rock pigeon	Columba livia	//NP
Say's phoebe	Sayornis saya	//
Western kingbird	Tyrannus verticalis	//
White-crowned sparrow	Zonotrichia leucophrys	/
Yellow-rumped warbler	Setophaga coronata	/

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 WEAP Training Log

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 (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.	HUMBERTO LOPEZ	ARB	Sidnel Land	10/28/19
2.	OSCUV PUDILLER	ncution		10/30/19
3.	Kille Sterr	Newtron	1	10/34/19
4.	JESUS WRREA	NEW TRIN		10/3//19
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6.	Anthony Stunist	Gregg Drilling		11-1-19
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No.	Employee Name	Company	Signature	Date
1.	Coda Porter	G- E	and for	11-6-19
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No.	Employee Name	Company	Signature	Date
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6.	Chis Helms	SERC	Munostans	11//3//9
7.	RICHARD VENTULA	NEWTEROW	Bul Jist	11/14/19
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	or: T. DRAPER	Signature:	Date:	11/11/19

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No.	Employee Name	Company	Signature	Date
1.	Dennis DOROS Vantas	Neutron	Derr	11/18/19
2.	EC DIMISON	Wellhead	EG	11-18-12
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5.	Kevist Dikems	Missy	- Office Miss	11.18.19
6.		HEWTROXY	KDI	11-20-19
7.	DUSTIN MORROW	NEWITTON	Out 12	11-20-19
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Trainer: T. DITAPER Signature:

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No.	Employee Name	Company	Signature	Dațe
1.	Alexandes Vuladez	Roty	Van Van	11/4/19
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Trainer: ALAIN MEYER

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No.	Employee Name	Company	Signature	Date
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Trainer: ALAIN MEYER Signature: ella ML Date: 11,13,19

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1.	Megan Dokam	Jacobs/Pahowest	munme	11/20/19
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No.	Employee Name	Company	Signature	Date,
1.	CARLOS JOHN SON	SCE	and	11/4/19
2.	Rolando Bermuelez	515	Aldring.	+ 1/4/19
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Trainer: Will Molly Signature:

_Date: 1 / 4 / 2019

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No.	Employee Name	Company	Signature	Date
1.	Ignacio Lambaven In	T.L.B.	INA	111419
2.	BEN WERKER	11.B	Tour tour	11/14/19
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7.	ANTONIO VOLERSEZ	ILB	Extanio yozareza	21-14-15
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Trainer: Will Roberts Signature: Date: 11 14119

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Trainer: Will Robbs Signature: Date: 151/19

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		Company	Signature	Date //-/9-/9
No.	Employee Name	7 1 13	Lu Coma	
1.	Lee Cowan	11/1/20	Din Reoge	11-19-19
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Trainer: Will	Roberts Signature: Con	Date: // 12/19

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Trainer: Jonathan Coulty Signature: Date: 11 / 25/2019

Attachment 5 – CIVIL

Delegate Chief Building Official Program
PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: October 16, 2019

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Jennifer Peterson, PE, Civil Engineer

NV5, Inc.

jennifer.peterson@nv5.com

858-385-2130

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_CIVIL-1-1.0_GRADING & DRAINAGE_191011_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 ---

Digitally signed by Jennifer Peterson Reason:

Reviewed for

Code

Compliance

Date: 2019.10.16 11:43:25 -07'00' Attachment 6 – Cultural Resources



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

This November 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from November 1 through November 30, 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

PaleoWest Archaeology personnel active in monitoring this period were: Alternate Cultural Resources Specialists Gloriella Cardenas and Natalie Lawson, as well as Cultural Resources Monitors (CRMs) Ryan Rolston, Jennifer McElhoes, Cynthia Morales, John McDermott, Ryan Nordness, and Mary Hillis Shockley monitored the SERC plant site and SoCalGas pipeline during this reporting period.

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



TABLE 1
Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
11/1/19	4	1
11/04/19	4	1
11/5/19	4	2
11/6/19	4	1
11/7/19	4	1
11/8/19	4	1
11/12/19	4	1
11/13/19	4	1
11/14/19	4	1
11/15/19	4	1
11/18/19	4	1
11/21/19	4	1
11/22/19	4	1
11/25/19	4	1
11/26/19	4	1
Total CRM/NAM-Days	60	15

Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Friday November 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 00+00 to 114+50 along Dale Avenue and extended up to 9 ft below the current street surface.

Native sediments were observed at various pipeline trench stations at approximately 2 ft to 9 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

No new discoveries of cultural resources were made during this reporting period.

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 Sun Min Choi and Morgan Bender.

NAM for this reporting period was Robert Dorame.

Ground disturbing activities subject to cultural monitoring commenced November 2, 2019 and consisted of drilling for bases and I-Beams, utility vault excavations and



trenching for piping.

Date	CRMs	NAMs
11/2/19	1	1
11/4/19	1	1
11/5/19	1	1
11/18/19	1	1
11/19/19	1	1
11/21/19	1	1
11/22/19	1	1
11/25/19	1	1
11/26/19	1	1
Total CRM/NAM-Days	9	9

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	The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American	In compliance The CRMMP has been prepared



TABLE 2
Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance	
Plan (CRMMP)	participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.	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. 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 	 In compliance The CRS or CRM has monitored 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.	In compliance 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 November 1 through

November 26, 2019, a total of 57 persons completed the SERC WEAP training. The hard copy training logs for the November 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 are expected to continue. Additionally, limited work at the SERC plant site is proposed along the storm sewer system in December. Work by SCE at the Barre Substation will also continue in December. 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 November 2019

Prepared For: Doug Davy/Jacobs

Karen Parker/Jacobs

Prepared By: Niranjala Kottachchi/PaleoWest

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

Personnel Active in Paleontological Monitoring This Period

PaleoWest's Principal Investigator, Niranjala Kottachchi conducted the paleontological monitoring program for the Project. David Alexander was the primary Paleontological Resources Monitor (PRM) for this month. Additional paleontological monitors on site during this reporting period included Tara Redinger, Patrick Riseley, and Richard Serrano.

Pipeline construction by SoCal Gas requiring paleontological monitoring continued throughout the month of November. 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. Southern California Edison (SCE) continued excavations at the Barre substation. Paleontological monitoring was conducted by Daniel Nolan of PaleoSolutions. These activities are incorporated in the table below.

Table 1. Monitoring and Associated Activities This Period

Week	Station #	Activity	Stratigraphy
1	91+56, 144+00, 90+10	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene silt and sand down to 5 feet. Below 5 feet have clay rich layer with high organics, at 7 feet, silty sand appears with increasing sand with depth.

Week	Station #	Activity	Stratigraphy
2	91+90 to 92+70, 90+50 to 90+80, 0+00 to 0+25, 92+70 to 93+00, 94+00 to 94+25, 93+07 to 93+67, 94+25 to 95+45, 0+00 to 0+12, 93+67 to 93+90, 95+45 to 97+60, 0+20 to 0+30, 97+50 to 97+65, 98+00 to 101+00 (potholing), 0+00 to 00+20, 03+52 to 03+77 (bell hole),	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
3	97+65 to 98+60, 99+00 to 100+15, Dale Ave and	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations Bell hole excavations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles. Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native
	97+80 to 98+30, 100+15 to 100+95, 102+40 to 102+70, 103+90 to	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles. Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.

Week	Station #	Activity	Stratigraphy
	Dale Ave and Ball Rd South of Barre substation (SCE)	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations Excavation and potholing of vaults 100 feet x 1.5 feet x 14 feet	Upper 8 feet appears to consist of disturbed sediment. Below 8 feet, have Holocene sediments light grayish brown, fine to medium sands, silts, and clays down to 14 feet depth.
4	104+20, 105+50 to 107+00, 104+60 to 105+35, 106+20 to 107+00, 105+30 to 105+85, 106+20 to 106+60, 105+50 to 106+95, 108+15 to 108+30, 110+00 to 111+00, 106+60 to 106+70, 110+50 to 111+00, 107+50 to 112+25	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	South of Barr substation (SCE)	Excavation of vault 20 feet x 10 feet x 14 feet, and a vault 50 feet x 2 feet x 6-12 feet	Holocene brown to dark brown, fine to medium sands, silts, and clays down to 12-14 foot depth

Week	Station #	Activity	Stratigraphy
5	111+10 to 111+90, 112+30 to 112+60, 105+45 to 107+50, 111+90 to 114+05, 106+75 to 108+85	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 9 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	South of Barre substation	Excavation of trench 70 feet x 2 feet x 6-12 feet and a trench 50 feet x 2 feet x 6-12 feet	Holocene brown, fine to medium sands and silts to a depth of 12 feet.

Paleontological Resources Discoveries This Period

No paleontological resources were discovered during the month of November 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 December. In addition, ARB will resume excavations at the main plant facility.

Comments, Issues or Concerns

None to report.

Attachment A Daily Monitoring Logs



Project Name: Stanton energy reliability	Date: 11/1/2019 8:54:13 AM
Project Location: Dale and stonybrook Monitor(s): dalexander	Weather: Clear and sunny
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline co.	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+56 to	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological resources. pipeline trench <u>.</u>	•
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: Monitoring as needed on Monday	
Attachments (Y/N): Yes X No	
Photograph Record:	



Project Name: Stanton energy reliability	Date: 11/1/2019 6:46 AM
Project Location: On Dale at Standustrial, 144	Weather: Crisp in the morning 45 degrees
Monitor(s): tredinger Work Start Time: 7:00	Work End Time: 15:30
Construction Company: Southeast construction.	Contact(s): Allen
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
	X Yes No
Was the Safety Briefing Attended/Signed: Project Description:	res 🗀 No
On Dale at Standustrial, 144+00. Also, 2 machines at Dale and	Bella at 90+10.
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Started digging at station 90+10 with Steve 1 they were digging down to the HDD insertion point at standustrial to dig 3ft more maximum of 14.5 ft. They finished a hour after they started dig other crews continue digging for the rest of the day.	g down to 7ft depth. The other Steve crew had moved back from the insert point. His went down to a ging at 9;30 so I went back up to Bella to watch the
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed: At the cross section of Dale and standustrial the sediment is the road building rocks and cement, below that the sediment trans 5 ft depth, at 5.5 ft there is a distinct dark brown contact line with high organics. Below that the percentage of fie grained sa bottom at 15 ft it is mostly entirely fine sand. At 9 t depth there	itioned slowly into native mixed silt and sand down to ith the lower unit. This darker contact is mostly clay and increases. At 7 ft it is silty sand while at the
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Monitored with John, Jen, and Ryan	
Plan for tomorrow: Continue digging down Dale	
Attachments (Y/N): X Yes No	
Photograph Record:	

11/1/2019 10:26:45 AM 11/1/2019 1:08:21 PM



North, at standustrial at the HDD entry way. They had to extend the trench 3 ft north.



North, finished pipeline work by Steve's crew.



Project Name: Stanton energy reliability	Date: 11/4/2019 9:53:08 AM
Project Location: Dale Ave and stonybrook dr	Weather: Clear and sunny
Monitor(s): dalexander	,
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+90 to92+70 and 90+50 to 90+80	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Monitoring excavation activities for paleontological 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:	
Plan for tomorrow: Continue trenching	
Attachments (Y/N): ✓ Yes No	
Photograph Record: 11/4/2019 9:57:20 AM	



Bell hole station 92+00



Project Name: St	tanton Energy Reliability Project	Date: 11/4/2019 9:07:20 AM
Project Location:	Buena Park	Weather: Clear calm 80 degrees F
Monitor(s): prisele	y y	-
Work Start Time:	0700 hrs	Work End Time: 1630 hrs
Construction Compa	any: SE Pipeline Construction	Contact(s): Alain Miers
Did the (sub)contrac	ctors work more than 8 hours (Y/N)?	X Yes No
Was the Safety Brief	fing Attended/Signed:	X Yes No
Project Description:		
Station 0+00 to 0+25		
Scope of Construction	on Work Monitored/Equipment Used:	
Caterpillar 420F rubbe	ertired backhoe and tandem axle dump tru	ucks. Concrete saw.
Tie-in at 30 inch diam Palma Avenue. Excav complete one-bell hole Approximate Dimer Geologic Unit(s) Ob Safety meeting emph	vation began some time after 1300hrs and le at station 0+00. The rest of the day was nsions of Construction Area Monitored oserved: nasized vigilance regarding traffic making by 8 feet of loose light gray-tan fine to coard.	om of 30 inch main then to planter in middle of Lad contractor requested that extra hours be granted to spent cutting and grinding the pavement.
	• •	
Observations of Pal	leontological Resources:	
I had intent to take a	50 lb microvertebrate test of silty f to coar	se sand which I have observed further to the south
Additional Commen	nts:	
Plan for tomorrow: Continue digging bell	hole at gas linear station 0+00'. Acquire 5	50lb matrix sample at bottom of excavation.
Attachments (Y/N):	X Yes No	
Photograph Record: 11/4/2019 1:05 PM 11/4/2019 2:28:40	M	



Gas pipeline linear excavation to date at station 0+00,' tie in to 30" main. View south from 0408854mE and 3745611mN



Natural gas linear at 30" main tie-in with upper 4 feet backfill stratigraphy in view featuring numerous clouds of oil-impregnated sand. View toward north from 0408860mE and 3745607mN



Project Name: Stanton energy reliability	Date: 11/5/2019 9:57:34 AM
Project Location: Dale Ave and stonybrook Monitor(s): dalexander	Weather: Clear and sunny
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 #92+70 to 93+00 and 94+00:to 94 +25;	
Scope of Construction Work Monitored/Equipment Used: 2 Backhoes	
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 as needed	
Attachments (Y/N): X Yes No	
Photograph Record:	

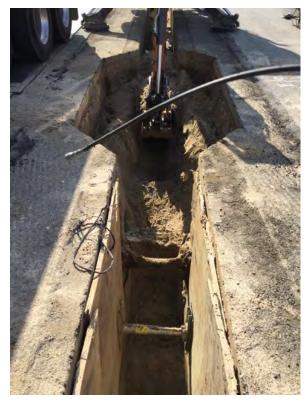
11/5/2019 12:52:36 PM



Backhoe trench startion 92+90 7 CTG deep



Project Name: Stanton energy reliability	Date: 11/6/2019 10:12:49 AM
Project Location: Dale Ave. and stonybrook dr. Monitor(s): dalexander	Weather: Clear and sunny
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 No
Was the Safety Briefing Attended/Signed:	Yes No
Project Description:	
Station # 93+00 to 93+67And 94+25 to 95+45	
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.	
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:	
11/6/2019 10:28:49 AM	



Bell hole station #93+35



Project Name: Stanton energy reliability project	Date: 11/6/2019 10:12:49 AM
Project Location: Buena Park Monitor(s): priseley	Weather: Fog then hazy 80 degrees F
Work Start Time: 0700	Work End Time: 15:30
Construction Company: S E Pipeline Construction	Contact(s): Alain Mvers
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: 0+00' to 0+12'	
Scope of Construction Work Monitored/Equipment Used: Caterpillar 420F backhoe asphalt grinding vehicle with truck lot transfer shovels	ading conveyor tandem axle dump trucks bars and
Monitoring Methods (spot check, screening, bulk, sample Excavation for gas pipeline linear. Grinding surface coat of as	<u> </u>
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed: 10" of AC over 6 inches of asphalt base (AB) over an additionate to coarse sand with trace of surrounded to rounded pebbles.	al 92" of uniform to cross laminated light gray-tan fine
Lithologic Description(s):	
Observations of Paleontological Resources:	
No large fossils were observed in the excavation today.	
Additional Comments:	
Plan for tomorrow: Continued paleontological monitoring as needed	
Attachments (Y/N):	
Photograph Record:	



Stanton energy reliability	Date. 11///2019 8:47:33 AIVI
Project Location: Dale Ave and stonybrook,	Weather: Overcast to clear and sunny
Monitor(s): dalexander	·
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipe	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 # 93+67 to 93+90 And 95+45 to 97+60	
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.	•
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:	
11/7/2019 9:52:41 AM	



Borehole st #93+75



Project Name: St	anton energy reliability project	Date: 11/7/2019 7:17:37 AM
Project Location:	Buena Park	Weather: Overcast then hazy 73 degrees F
Monitor(s): prisele	у	•
Work Start Time:	0700	Work End Time: 1530
Construction Compa	any: S E Pipeline Construction	Contact(s): Alain Mvers
Did the (sub)contrac	ctors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:		X Yes No
Project Description:		
Station 0+20' to 0+30'		
Scope of Construction	on Work Monitored/Equipment Used	:
Caterpillar 420F backl	noe concrete saw shovels tandem axle o	dump trucks
	s (spot check, screening, bulk, sample pth of 8 feet pursuant to installation of na	,
Approximate Dimer	nsions of Construction Area Monitore	ed/Survey Area:
Geologic Unit(s) Ob	served:	
Light gray-tan homog	eneous fine to coarse sand with trace of	pebbles. Re-excavated slurry.
Lithologic Description	on(s):	
Observations of Pal	leontological Resources:	
No large fossils were observed in the excavation today.		
8"AC over 6" AB then sand with pebbles ma gray-tan loose fine to	station 0+20 by approximately 1315hrs. downward progressing into bell hole as Irl, 2) 36" medium brown silty fine to coa coarse sand with clay and trace of pebb	Spot-checked stratigraphy at station 97+25 photo 2. follows 1) 18" dark brown clayey silt fine to coarse rse sand with clay and trace of pebbles, 3) 4" light les, 4) 12" medium brown silty fine to coarse sand with trace of pebbles to bottom of hell hole.
Plan for tomorrow: Another plug will be reand Crescent (?) street		g as needed on Dale street between La Palma Avenue
Attachments (Y/N):	x Yes No	
Photograph Record:		
44/7/0040 40 57 0		

11/7/2019 10:57:04 AM 11/7/2019 1:39:25 PM



Northward view of homogeneous light gray-tan sand at station 00+20' and 2 to 7 foot depth, objective NAD 83/84 zone 11S UTM is 0408858mE and 3745598mN.



Stratigraphic profile of west wall of gas-linear trench at station 97+25. View sw. objective at NAD 83/84 ZONE 11S UTM 0408879mE and 3742664mN.



Stanton energy reliability	Date. 11/8/2019 11:21:30 AIVI
Project Location: Dale Ave and DeVoy	Weather: Clear and sunny, warm
Monitor(s): dalexander	Glear and suriny, warm
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 #97+50 to 97+65 and potholing various spots 98+00-10)1+00
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:	
None	
Additional Comments:	
Plan for tomorrow: Monitoring Tuesday	
Attachments (Y/N): X Yes No	
Photograph Record:	
11/8/2019 1:05:13 PM	



Pothole at station 100+25



Project Name:	Stanton E	nergy Reliability Project	Date: 11/8/2	019 10:27 AM
Project Location:		na Park	Weather: Hazy 85 degre	es F
-	eley			
Work Start Time:	0700		Work End Tir	ne: 1530
Construction Con	npany:	S E Pipeline Construction	Contact(s):	Alain Mvers
Did the (sub)cont	ractors w	ork more than 8 hours (Y/N)?	□ Y	es X No
Was the Safety B	riefing At	ended/Signed:	Хү	es No
Project Description	n:			
Station 00+10' to 0	0+20' and	Station 03+52' to 03+77'		
Scope of Constru	ction Wo	k Monitored/Equipment Used	l:	
Caterpillar 420F ba	ckhoe, sh	ovels, asphalt grinder and saws,	and tandem axle	dump trucks
Excavation of bell	hole for fut	check, screening, bulk, samp ure live pressure test at 3+52+ a or installation of future gas linear	and remove plug	•
Approximate Din	nensions (of Construction Area Monitore	ed/Survey Area	
Geologic Unit(s)	Observed	:		
then an additional	6 feet of p	ane laminated native light gray-	tan fine to coarse	tan f-c sand with trace of pebbles sand with granules and pebbles. 50lb ad 8.5 foot depth as PWR 08-11-19
Lithologic Descri	ption(s):			
Observations of	Paleontol	ogical Resources:		
PWR 08-11-19-01	was dried	and sifted in field to +#12 mesh	matrix and -#12	matrix was discarded. The +#12
Additional Comm				
Plan for tomorrow Continued paleont		onitoring as needed		
Attachments (Y/N	N) :	Yes No		
Photograph Reco	ord:			
11/8/2019 10:4	3:03 AM			
11/8/2019 11:5	6:26 AM			



16: North view of pug of Holocene alluvium between gas-linear stations 00+10' and 00 +20' above projected microvertebrate spot test sample PWR 08-11-19-01 taken from objective at NAD 83/84 Zone 11S UTM 0458857mE and 3745601mN.



17: PWR 08-11-19-01 sub grade lithology/sample location station 00+18' and 8 1/2 feet deep in light gray-tan moist fine to coarse sand with trace of gravel.



Project Name: Stanton energy reliability	Date: 11/12/2019 8:46:59 AM
Project Location: DeVoy dr. And Dale Ave, Monitor(s): dalexander	Weather: Overcast to clear and sunny
Monitor(s): dalexander 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 # 97+65 to 98+60 And 99+00 to 100+15	
Scope of Construction Work Monitored/Equipment Used: 2 Backhoes	
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 as needed	
Attachments (Y/N): X Yes No	
Photograph Record:	

11/12/2019 9:33:27 AM



Bell hole station 99+05

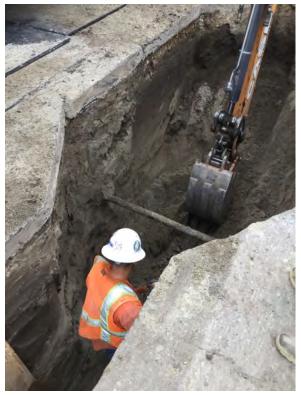


Project Name: SERC	Date: 11/12/2019 2:44:43 PM
Project Location: Dale & Lincoln	Weather:
Monitor(s): jmcelhoes	Clear mild temp.
Work Start Time: 7 AM	Work End Time: 3 PM
Construction Company:	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Buena Park, Ca. / Dale & Lncoln	
Scope of Construction Work Monitored/Equipment Used: CAT 420F back hoe	
Monitoring Methods (spot check, screening, bulk, sample Excavation for bell hole.	e collecting, etc):
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
N/A	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None noted.	
Additional Comments: Written by Richard Serrano.	
Plan for tomorrow: Continue excavation,	
Attachments (Y/N):	
Photograph Record:	



Project Name: Stanton energy reliability	Date: 11/13/2019 9:14:07 AM
Project Location: DeVoy dr. and Dale Ave. Monitor(s): dalexander	Weather: Overcast to clear and sunny
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Alain 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 # 97+80 to.98+30 And 100+15 to.100+95 And 102+40	to 102+70
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.	•
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: Monitoring as needed.	
Attachments (Y/N): X Yes No	
Photograph Record:	

11/13/2019 9:57:48 AM



Bore hole station # 100+42



Project Name: SERC	Date: 11/13/2019 2:33:07 PM
Project Location: Buena Park, Ca.	Weather:
Monitor(s): jmcelhoes	Slightly overcast
Work Start Time: 8 am	Work End Time: 3:30
Construction Company: SE Pipe Line Const.	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Intersection of Dale and La Palma	
Scope of Construction Work Monitored/Equipment Used: CAT 420F back hoe	
Monitoring Methods (spot check, screening, bulk, sample Trenching for gas line.	collecting, etc):
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed: N/A	
Lithologic Description(s):	
Observations of Paleontological Resources:	
Nothing observed.	
Additional Comments: Written by Richard Serrano.	
Plan for tomorrow: Unknown,	
Attachments (Y/N):	
Photograph Record:	

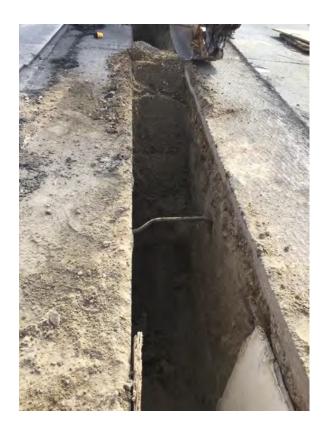


Project Name: SERC	Date: 11/14/2019 2:09:33 PM
Project Location: Buena Park, Ca.	Weather:
Monitor(s): jmcelhoes	Clear, 70,s
Work Start Time: 7 AM	Work End Time: 3:30 PM
Construction Company: SE Pipeline Consnstion	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Dale and Ball Rd.	
Scope of Construction Work Monitored/Equipment Used: CASE 590 Super N Extendahoe	
Monitoring Methods (spot check, screening, bulk, sample Trenching for gas line.	collecting, etc):
Approximate Dimensions of Construction Area Monitored	l/Survey Area:
Geologic Unit(s) Observed: N/A	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None noted.	
Additional Comments: Written by Richard Serrano	
Plan for tomorrow: Continue work.	
Attachments (Y/N): ☐ Yes ☒ No	
Photograph Record:	



Stanton energy reliability	Date. 11/15/2019 8:28:23 AIVI
Project Location: 909 Dale Ave. Anaheim Ca. Monitor(s): dalexander	Weather: Overcast
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE gas pipeline	Contact(s): Alain 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 # 103+90:to 104+20	
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:	
Additional Comments:	
Plan for tomorrow: Monitoring Monday as needed.	
Attachments (Y/N): X Yes No	
Photograph Record:	

11/15/2019 12:56:09 PM



Station #104+20

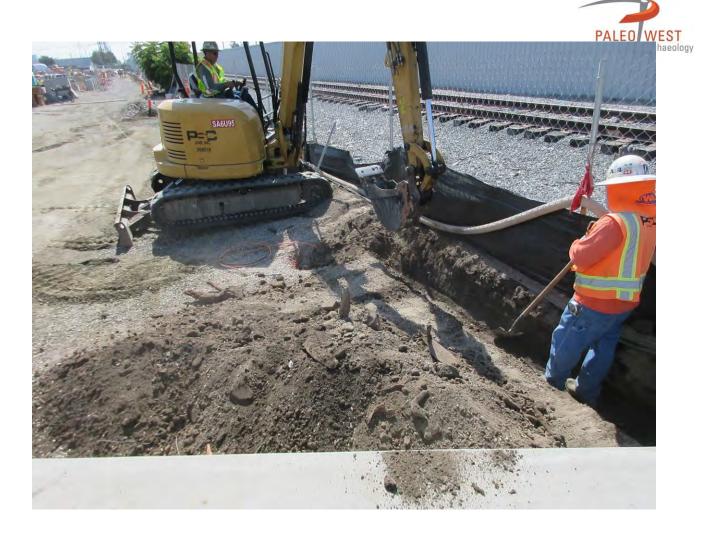
Monitor: Richard Serrano

Project Name: SERC		Pr	oject # 18- 348
Project location (City, State):	Anaheim, Ca.	Weat	her: Clear, temp mid 70's
Work Start Time: 7 AM W	Vork End Time: 2:0	0 PM	Total Monitoring Hrs: 7
Construction Company: SE F	Pipeline Const. Inc.	On	n-site Contact:
Did the (sub)contractors wo	ork more than 8 hrs?	No.	
Safety Briefing Attended and	d Signed: Yes		
Equipment Used:			
CASE 420F Super N extendahoe.			
Project Location and description			
The project is located just north o	f Ball Rd. on Dale Ave. A	naheim,	Ca.
Scope of Construction work mo	onitored (include met	hods):	
Trenching for gas line.			
Only 1 back hoe working so I was	on stand by.		
Geologic Units and Lithology:			
Geologic unknow.			
Silty sand with some beds of med	ium sands.		
Observation of Paleontological	Resources		
There was no impact to paleontol	ogical resources.		

Date: Nov.15, 2019

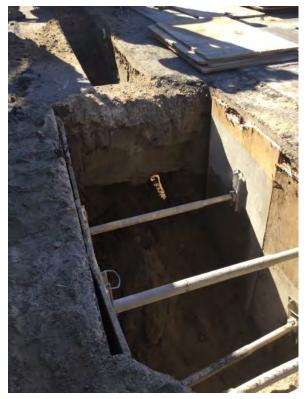


Additional Comments:	archae
None.	-
Plan for Tomorrow: No work on Sat.	
Total Time Work Halted or Redirected: 0	
Additional Pages attached? Yes No x	
Photos; None.	





Project Name: Stanton energy reliability	Date: 11/18/2019 8:41:33 AM
Project Location: 909 Dale Ave,, Anaheim Ca Monitor(s): dalexander	Weather: Clear, sunny and warm
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 # 104+20 to	
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:	
Additional Comments:	
Plan for tomorrow: Monitoring as needed	
Attachments (Y/N): X Yes No	
Photograph Record:	
11/18/2019 10:35:18 AM	



Bore hole Station #104+40



Project Name: Stanton energy reliability station	Date: 11/18/2019 9:20:21 AM
Project Location: On Dale between ball and Monitor(s): tredinger	Weather: Sunny and unnaturally warm
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: southeast pipeline	Contact(s): Mike
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 ball and De Voy, 105+50 to 107+00	
Scope of Construction Work Monitored/Equipment Used: Backhoe (2)	
Monitoring Methods (spot check, screening, bulk, sample Today I monitored with Jennifer and Ryan as Danny's backhood Excavation went down to a maximum of 7 f. Many sets of utilititive crews had to spend multiple hours hand digging to find the	e continued to trench from 105+50 southward. les crossed the trench between 105 and 106 so th
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
The sediment here is primarily sugar sand with inclusions of la layers no deeper than 2 ft. The cut goes down to 7 ft max and	•
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Monitored with Jen and Ryan	
Plan for tomorrow: Continue south from 106+00 towards nball wi5 the two backho	pes.
Attachments (Y/N): X Yes No	
Photograph Record:	
11/18/2019 1:12:50 PM	



106+00, Steve's crews excavation for 5r day. About 30 ft.



Stanton energy reliability	Date. 11/19/2019 8:57:33 AIVI
Project Location: Dale Ave and Ball Road,	Weather: Partly cloudy
Monitor(s): dalexander	. and oloudy
Work Start Time: 0700	Work End Time: 1530
Construction Company: southeast pipeline	Contact(s): Alain 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 #104+60 to 105+35	
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): X Yes No	
Photograph Record:	
11/19/2019 10:39:32 AM	



Bore hole station 105+30



Project Name: Stanton Energy Reliability station	Date: 11/19/2019 9:04:14 AM
Project Location: On Dale Ave. just north of	Weather: Partially cloudy mild temperature
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:	
On Dale Ave. just north of Ball Rd.	
Scope of Construction Work Monitored/Equipment Used: Three backhoes, hand digging with shovels	
Monitoring Methods (spot check, screening, bulk, sample After attending the tailboard I monitored with Jennifer and Rya +20 and 107+00. Steve's crew started the day by having his cright by the intersection.	in as Steve's crew continued trenching between 106
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
The sediment here is primarily sugar sand with inclusions of la layers no deeper than 2 ft. The cut goes down to 7 ft max and	•
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: Monitored with Ryan, Jennifer, and John.	
Plan for tomorrow: Continue into ball rd.	
Attachments (Y/N): X Yes No	
Photograph Record:	
11/10/2010 1·10·//8 PM	



North, overview of work completed at 106+50



Stanton energy reliability	Date. 11/20/2019 8:42:29 AIVI
Project Location: Dale Ave and Ball Road	Weather: Cloudy cool, drizzly
Monitor(s): dalexander	3.333, 333, a <u></u> .,
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 #105+30 to 105+85	
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 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:	
11/20/2019 1:20:36 PM	



Trench station 105+60



Project Name: Stanton Energy reliability station	Date: 11/20/2019 9:26:29 AM
Project Location: On Dale on Ball ave (106+20 Monitor(s): rrolston	Weather: Rainy sprinkling all day
Work Start Time: 7:00	Work End Time: 3:30
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:	
On Dale on Ball ave (106+20 to 106+60)	
Scope of Construction Work Monitored/Equipment Used: Three backhoes	
Monitoring Methods (spot check, screening, bulk, sample Today the y continued to slowly trench at Ball Ave. I monitored intersection of Ball and Dale. The trenches were dug with the I	as Steves crew worked on the last 30 ft north of th
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
The sediment here is primarily sugar sand with inclusions of la layers no deeper than 2 ft. The cut goes down to 7 ft max and Once we got into the intersection proper the top 3 ft of the sed continued but was most likely disturbed due to a buried storm hole at 3 ft depth that extended further into the intersection.	there is very little change in the sand at all depths. iment was silty fill. Benieth this the sugar sand
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: This is Tara Redinger's daily log	
Plan for tomorrow: Continue cross Ball Ave.	
Attachments (Y/N): X Yes No	
Photograph Record: 11/20/2019 10:39:43 AM 11/20/2019 1:28:03 PM	



East. Sinkhole feature discovered when moved into the intersection at Ball Ave (3 ft depth)



South, intersection of Dale and Ball terminates where cones are sitting in picture.



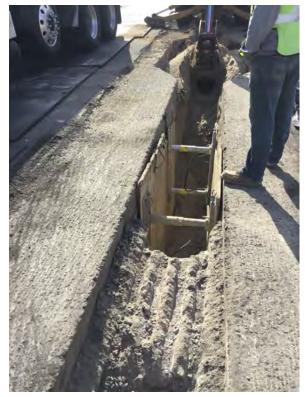
Project Name: Stanton energy reliability	Date: 11/21/2019 8:38:49 AM
Project Location: Dale Ave and Ball Road, Monitor(s): dalexander	Weather: Cloudy and cool
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE pipeline	Contact(s): Alain Mevers
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station #105+50 to 106+95 and 108+15-108+30	
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.	
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): X Yes No	
Photograph Record:	
11/21/2019 12:38:37 PM	



Bell hole station 105+75



Project Name: Stanton Energy reliability station	Date: 11/21/2019 10:36:52 AM
Project Location: On Dale south of Ball 110	Weather: Partially cloudy cool.
Monitor(s): rrolston Work Start Time: 7:00	Work End Time: 3:30
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:	
On Dale south of Ball 110+00 to 111+00	
Scope of Construction Work Monitored/Equipment Used: Three backhoes and shovels	
Monitoring Methods (spot check, screening, bulk, sample Today after the tailboard I ,omitored excavation activities with started trenching from site # 110+00 and excavated approxima crossings were observed, water, and electrical around 110+15 second machine that was excavating through the Ball/Dale into David.	he crew that worked south of Ball Ave. this crew ately 40 ft ending around 110+45. Some utilities which slowed progress. I also spot checked a
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
The sediment here is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft depth.	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: This is Tara Redinger's daily monitoring log.	
Plan for tomorrow: Continue moving south from Ball road on Dale with the three b	ackhoes.
Attachments (Y/N): X Yes No	
Photograph Record: 11/21/2019 10:36:58 AM	



South, start of excavation south of Ball on Dale. Starting at 110+00



Project Name: Stanton energy reliability	Date: 11/22/2019 9:52:39 AM
Project Location: Dale Ave and Ball Road; Monitor(s): dalexander	Weather: Clear and sunny
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:	Yes No
Project Description:	
Station # 106+60 to 106+70 and 110+ 50 to 111+00	
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:	
Additional Comments:	
Plan for tomorrow: Monitoring as needed on monday	
Attachments (Y/N): X Yes No	
Photograph Record:	
11/22/2019 9:56:21 AM	



Bell hole station 106+55



Project Name: Stanton energy reliability station	Date: 11/22/2019 9:55:16 AM
Project Location: At the intersection of Ball Monitor(s): imcelhoes	Weather: Sunny and cri. Warmer in afternoon
Work Start Time: 7:00	Work End Time: 3:30
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:	
At the intersection of Ball and Dale, and south of Ball, (107+50	to 112+25)
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Today I, monitored both Steve's on the south side of Ball on D +75 and trenches to a maximum of 9 ft to get around a water not they got to 107+90. The second crew started at 111+25 and started to 7.5 ft max.	ale ave. The crew in the intersection started at 107 nain in the middle of the street. By the end of the day
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
The souls at 107+75 are primarily disturbed medium trained so several unmarked utilities, and a 13 ft deep water main which sediment at 111+00 is primarily fine grained sand with inclusion pebble layers no deeper than 2 ft. The cut goes down to 7 ft medium depths. Several sections where water and electrical lines cross	proved the disturbed nature of the sediment. The ons of layered fine grained sand and silt and some hax and there is very little change in the sand at all
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: This is Tara Redinger's daily paleo monitoring log for 10/22/20	19
Plan for tomorrow: Continue finishing up in the intersection, and moving south on	Dale past Ball.
Attachments (Y/N): X Yes No	
Photograph Record:	

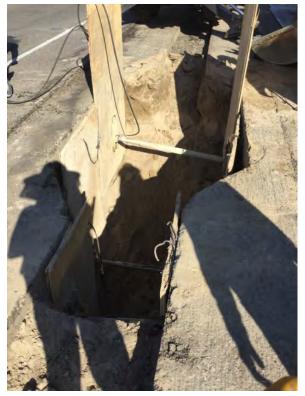
11/22/2019 10:24 AM



North, start of work in intersection of Dale and Ball. 107+75



Project Name: Stanton energy reliability	Date: 11/25/2019 10:07:29 AM
Project Location: Dale Ave and ravenswood Monitor(s): dalexander	Weather: Clear and sunny
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 #111+10 to 111+90 And 112+30 to 112+60	
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 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:	
11/25/2019 10:11:33 AM	



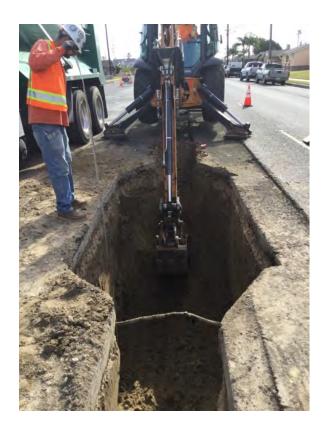
Bell hole station 112+40



Project Name: Stanton energy reliability station	Date: 11/25/2019 7:54:29 AM
Project Location: South of Ball on Dale. Monitor(s): nlawson	Weather: Cool and mostly sunny.
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast pipeline	Contact(s): Robert (lead 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:	
South of Ball on Dale. Between 105+45 and 107+ 50	
Scope of Construction Work Monitored/Equipment Used: Backhoe	
Monitoring Methods (spot check, screening, bulk, sample Attended the tailboard at 7:00, then waited for digging to start primarily monitored Steve 1s crew as they did some cleaning i continued completing 5e segment of trench in the center of the below a large water pipe and several other conduits so the 30 intersection went down to approximately 10 ft depth. They were	south of Dale. Once 5e work area was coned off I n the northern section of the intersection, and 5en e intersection. (106+45 to 107+00) They had to go ft of trench that was in the exact center of the
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
The sediment at 107+75 are primarily disturbed medium trained were several unmarked utilities, and a 13 ft deep water main of the sediment at 111+00 is primarily fine grained sand with income pebble layers no deeper than 2 ft. The cut goes down to all depths. Several sections where water and electrical lines of	which proved the disturbed nature of the sediment. clusions of layered fine grained sand and silt and o 7 ft max and there is very little change in the sand at
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: This is Tara Redinger's Daily Log for November 25	
Plan for tomorrow: Continue digging south of Dale with at least two machines.	
Attachments (Y/N): Yes X No	
Photograph Record:	



Project Name: Stanton energy reliability	Date: 11/26/2019 6:44:51 AM
Project Location: Dale Ave and ravenswood, Monitor(s): dalexander	Weather: Clear and sunny,cool
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 #111+90 to and 114+05 tp	
Scope of Construction Work Monitored/Equipment Used: Backhoes	
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:	
Attachments (Y/N): X Yes No	
Photograph Record:	
11/26/2019 12:46:12 PM	



Bell hole 114+15



Stanton energy reliability station	Date: 11/26/2019 8:37:51 AM
Project Location: On Dale between Ball and Monitor(s): nlawson	Weather: Cool, clear skies
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast pipeline	Contact(s): Robert (lead 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 between Ball and Brentwood (106+75 to 108+85)	
Scope of Construction Work Monitored/Equipment Used: packhoe (3), shovels	
Monitoring Methods (spot check, screening, bulk, sample Today after the tailboard I went down to Ball and Dale to continuous potholing while the other half worked with the backhoe. The tresholes where it was dug to 7 ft.	nue monitoring Steve's crew. Half of the crew was
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
Geologic Unit(s) Observed:	
trained sand up to a maximum of 7ft depth. The sediment at 1 inclusions of layered fine grained sand and silt and some asphdown to 7 ft max in the bell holes and 6 ft in the main trench. The 108+50 but slowly transition to loamy soil by 109+50. This segmentally massive, there is very little change in the sand at all	nalt pebbles layers no deeper than 3ft. The cut goes The non-disturbed sediments consist of silty sand at diment has very little stratification or texture, and is
Lithologic Description(s):	
Observations of Paleontological Resources:	
None	
Additional Comments: This is the daily log of Tara Redinger for November 26.	
Plan for tomorrow: Weather permitting, trenching will continue down Dale Ave.	
Attachments (Y/N): Yes X No	
Photograph Record:	

Monitor: Davie | Nolan

Date: 11/15/2019

Environmental Intelligence

Project #

Project Name: Stanton Energy Reliability (enter (SERC)

Project location (City, State): Stanton, CA

Weather: Clear skies, warm

Work Start Time: 07:00

Work End Time: 14:00

Total Monitoring Hrs: 6.5 hou

PALED WEST

Construction Company: IBL

On-site Contact: Greg (IBE)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT backhoe

Project Location and description:

South of Barre Substation, east of Rale Ave.

Scope of Construction work monitored (include methods):

IBL uses 450 CAT trackhoe to excurate and pothple the van Hs, impacting Qyfe and fill in a total area of 100ft long, 1.5ft mide, 14ft deep.

Geologic Units and Lithology:

Quaternary young allow im (Qyfa, Holocone); dark brown - light gray, is h brown, moderately - poor. compacts, moderately sorted, fine-medium quined, subangular-subrounded sands, s. Its, and clays; impacted at the surface of exequations and to approximately 14 ft deep. Fill appears to be backfilled Byfa impacted at the sulface of excumtions to about 8ft deep.

Observation of Paleontological Resources

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

Additional Comments:

None



Plan for Tomorrow:

No excavations are planned for tomorrow. On Monday, vault excavations are expected to begin.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes No

Photo Record:

P191115-DMN-01: Vault petholing

Monitor: Daniel Nolan

Date: 11/16/2019

Project Name: Environmental Intelligence Stanton Energy Reliability Center (SERC)

Project #

Project location (City, State): Stanton, CA

Weather: Clear skies, num

Work Start Time: 7:00 Work End Time: 17:15

Total Monitoring Hrs: 5.15 hrs

PALED WEST

Construction Company: TLB

On-site Contact: 6 reg (ILB)

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

Safety Briefing Attended and Signed: Yrs

Equipment Used:

450 CAT Barkhoe

Project Location and description:

South of Barre Substation, east of Pale Aup

Scope of Construction work monitored (include methods):

ILB used 450 cat backhoe to excavate the vault, impacting Qyfa in a total area of 20ft long, 10ft mide, and 14ft deep.

Geologic Units and Lithology:

Quaternary young alluvial for deposits (Ryfa; Holocene). brown -dark brown, moderatelywell sorted, poorly-moderately compacted, subrounded, midium-fine grained sands, silts, and clays; impacted at the surface of excavations to just deep.

Observation of Paleontological Resources

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

Additional Comments:

None



Plan for Tomorrow:

ILB will resume vault excavations for the next vault tomorrow.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes No

Photo Record:

P191118-DMN-01: vault excavations

Monitor: Paniel Nolan (Palco Solutions) Date: 11/19/2019

Environmental Intelligence

Project Name: Stanton Energy Reliability Lenter Project #

(SERC)

Project location (City, State): Stanton, CA

Weather: partially cloudy, cool lugran

Work Start Time: 07:00 Work End Time: 11:45

Total Monitoring Hrs: 4,75 hrs

Construction Company: ILB

On-site Contact: Greg Tellez (ILB Greman)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 LAT backhoe

Project Location and description:

South of Barre Substation, east of Dale Ave

Scope of Construction work monitored (include methods):

ILB used 450 (AT backhoe to excavate the vault, impacting Ryfa in a total area of 20ft long, 10ft wide, and 14ft deep.

Geologic Units and Lithology:

auatemary young alluvial fan deposits (ayta; Holocene): brown Hark browngrayish brown, moderately - well sorted, goody -moderately compacted, subrounded medium-fine grained sands, silts, and clays; impacted at the surface of excavations to 14ft delp.

Observation of Paleontological Resources

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

Additional Comments:

None



Plan for Tomorrow:

Excavations for telecom boxes have been post poned one to rain tomorrow, Excavations will continue at a later dute.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes No V

Photo Record:

P191119 - DMN-01: vault excavations

Monitor: Paniel Notan (Paleo Solution:) Date: 11/21/2019

Project Name: Environmental Intelligence Project #

Project location (City, State): Stanton, LA Weather: Partially cloudy stars, cool

Work Start Time: 01:00 Work End Time: 10:45

Total Monitoring Hrs: 3.75 hrs

PALED WEST

Construction Company: ILB

On-site Contact: Greg Tellez (ILB foreman)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 Backhop CAT

Project Location and description:

south of Barre Substation, east of Dale Ave

Scope of Construction work monitored (include methods):

ILB used 450 CAT backhoi to excavate the trench, impacting Qyfa in an area of 50ft long, 2ft mide, and 6-12 ft deep.

Geologic Units and Lithology:

Quaternary young alluvial fan deposits (lyfa; Holocene): brown / dark brown, moderately sorted, moderately compacted, subrounded, medium-fine graines Sands, silts, and clays, impactly at the surface of exequations to 12 ft deep.

Observation of Paleontological Resources

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

Additional Comments:

None

Plan for Tomorrow: ILB plans to resume trench excavations tomorrow. The trench is only expected to be 6ft deep up until the vault, in which the trench will reach 12ft in depth.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes No X

Photo Record:

P191121-DMN-01: trench excurctions

Monitor: Panel Nolun (Pales Solutions)

Date: 11/25/2019

Project Name: Environmental Intelligence

Project #

(enter (SERC)

Project location (City, State): Stanton, CA

Weather: Partially cloudy, cool

Work Start Time: 7:00 Work End Time: 13:00

Construction Company: ILB

On-site Contact: Greg Tellez (ILB foremen)

Total Monitoring Hrs: 6 hrs

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 (AT backhoe

Project Location and description:

south of Barre substation, east of Pale Ave

Scope of Construction work monitored (include methods):

ILB used 450 LAT backhoc to execute the treach, impacting ayfa in an area of 70ft long, 2ft mide, and 6-12ft deep.

Geologic Units and Lithology:

anaternary young allowal fan deposits (Ryfa; Holokene): brown, medirately sorted, moderately compacted, subrounded, medium-fine grained sands and silts impacted at the surface of executions to 12 ft deep.

Observation of Paleontological Resources

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

Additional Comments:

None



Plan for Tomorrow:

ILB plans to resume trenching excavations tomorrow. Expected depths up to 12ft.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes No

Photo Record:

P191125-DMN-01: trench excavations

PALEO WEST **Daily Monitoring Report - Paleontology**

Monitor: Daniel Nolan (Paler Solutions)

Date: 11/26/2019

Project Name: Environmental Intelligence Stanton Energy Reliability Center (SERC)

Project #

Project location (City, State): Stanton, (A

Weather: parkally cloudy, cost

Work Start Time: 7:00 Work End Time: 9:45

Total Monitoring Hrs: 2.75 hrs

Construction Company: ILB

On-site Contact: Gieg Tellez (ILB Fureman)

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

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT backhop

Project Location and description:

south of Barre substation, east of Dale Ave

Scope of Construction work monitored (include methods):

ILBUSE 450 CAT backhoe to excavate the trench, impacting ayfa in an area of 50ft long, 2ft mide, and 6-12ft deep.

Geologic Units and Lithology:

anaternary young allowal fan deposits (ay fa ; Holovere): trown, moderately soite, moderately to poorly compacted, subrounded, medium - fine grained gards, silts, and clays; impacted at the surface of execuations to 12ft deep.

Observation of Paleontological Resources

No paleontological resources were observed or collected. No Quaternary older alluvium was observed elaring trendning excavations.

Additional Comments:

None

Plan for Tomorrow:

ILB plans to resume trenching tomorrow, assuming there is no rain. Trenching is not expected to go deeper than 10ft. Next week, trenching west out of the vault (expected depth to 12 ft) and communication boxes excavations (expected Total Time Work Halted or Redirected: None depth to 10ft) are expected to begin.

Additional Pages attached? Yes No V

Photo Record:

P191126-DMN-01: treaching excavations

Attachment 8 – ELEC-1

Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

550818-0000020 PROJECT #:



MEMORANDUM - DCBO APPROVAL

DATE: November 26, 2019

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

John Moffatt, PE, Electrical Engineer FROM:

NV5, Inc.

John.Moffatt@nv5.com

760.556.8373

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-1.0_X1_UG & D.BANK RCWY PLANS_191106_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.

Digitally signed by John Moffatt SERC_16-AFC-01 Reason: Reviewed for Code Compliance Date: 2019.11.26 09:00:38 -08'00'

Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

550818-0000020 PROJECT #:



MEMORANDUM - DCBO APPROVAL

DATE: November 7, 2019

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer

NV5, Inc.

Alan.Vallow@nv5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-SI-021-PEI Rev1_BOP Heat Trace_191023_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 PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: November 29, 2019

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer

NV5, Inc.

Alan.Vallow@nv5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SERC_16-AFC-01-ELEC-1-SI-032 ADD OF OUTLETS_191114_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, 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

Digitally signed by Alan N. Vallow, PE

Reason:

Reviewed For

Code Compliance Date: 2019.11.29

07:54:57 -08'00'

Attachment 9 – GEN-2 Master Drawing List

Attachment 9 has been deliberately left blank in this reporting period

Attachment 10 – GEN-3 CBO Payment



Home

Accounts

Payments

Transfers Check Services

Tools

Timeout: 0:14:56

View US Wire Use this page to view a US Vilre

Help

View Payment History

Payment Information

Status

Confirmed

Confirmation Number

IMAD:1203L4B74B1C000040

Payment Number

50666472

Debit Account

SERC OP - *****6538

Debit Amount

124,539.15 USD

Value Date

12/03/2019

Send Date

12/03/2019

Frequency

One-Time Only

Invoice 140640

Reference for Recipient Details of Payment

Stanton Energy Reliability Center

Invoice#140640

Ordering Customer

Recipient Information

Recipient

NV5 Inc.

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

Recipient Bank

BANK OF AMERICA, N.A., NY

NEW YORK NY UNITED STATES

Options

Intermediary Bank

Receiving Bank

Bank to Bank Information

Cancel

Attachment 11 – GEN-6 Special Inspectors



PHONE 208-288-6100 FAX 208-288-6199

MERIDIAN, ID 83642 USA

FIELD REPORT

REPORT DATE:	November 18, 2019	TRIP DATE:	October 30 – November 1, 2019
CLIENT:	Stanton Energy Reliability Center	•	
CONTACT:	Tim Bofman	WEATHER:	Sunny 75-80 deg F
PROJECT:	Stanton Energy Reliability Center	•	
LOCATION:	Stanton, CA		
POWER REP.:	Joe Bondank		
TRIP PURPOSE:	Electrical Construction Observation	on	

CONSTRUCTION AREAS OBSERVED:

Activity No.	Description
1	Aboveground Raceway Systems – PDM/CM enclosure area; GSU area pipe rack & cable
	tray systems; and BOP equipment skids.
2	Underground to Aboveground Raceway System Transitions – South roadway at RVSS;
	at OH steel structure just north of NH3 area; and at equipment skids.
3	Roxtec openings on GE package equipment.
4	Abovegrade connections of grounding conductors to equipment.
5	Indoor Raceway Systems in Packaged Enclosures – SPM; PDM; & CM.

DISCREPANCIES:

Activity No.	Description
1	None noted.

NOTES:

Contractor added a wrap material to rigid steel stub-ups for additional protection from soil corrosion. The wrap was not specified and is an example of conscientious and quality electrical construction.

Contractor concerned about compression of cables entering Roxtec openings. SERC/ARB/Electrical Sub/POWER participated in call with Roxtec technical support to understand how to install cables through Roxtec openings and Roxtec dismissal of concern about cable compression due to its inherent design.

CONCLUSION:

Construction observation during this site visit is in conformance with the design intent.

FIELD REPORT

PHOTOS:



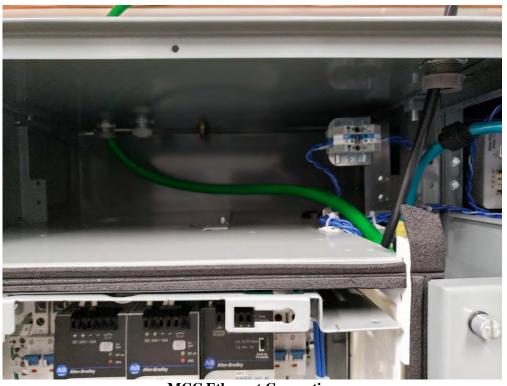
CM Module Raceway



CM Receptacles

FIELD REPORT





MCC Ethernet Connection

FIELD REPORT



Raceway Under PDM



UG to OH Raceway Transition

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

Meter 6917650, 10711 Dale Street, Stanton CA

		<u> </u>
Date	Reading	Usage CF
10/28/2019	89670	560
10/29/2019	90110	440
10/30/2019	90850	740
10/31/2019	91310	460
11/1/2019	91940	630
11/4/2019	92410	470
11/5/2019	92840	430
11/6/2019	93290	450
11/7/2019	93640	350
11/8/2019	93970	330
11/11/2019	93970	0
11/12/2019	94330	360
11/13/2019	94550	220
11/14/2019	94800	250
11/15/2019	95090	290
11/18/2019	95470	380
11/19/2019	96210	740
11/20/2019	96340	130
11/21/2019	96480	140
11/22/2019	96730	250
11/25/2019	97160	430
11/26/2019	97500	340
11/27/2019	97600	100
11/28/2019	97600	0
11/29/2019	97600	0
11/23/2013	37000	١
Total		8490

Attachment 15 – SOIL&WATER-8 Encroachment Permit

City of Stanton Department of Public Works

Project Start Date: 9/1/19 Project End Date: 4/1/20 APPLICATION FOR: EXCAVATION PERMIT STREETS AND SIDEWALKS PERMIT STRUCTURES IN STREETS PERMIT STREET LIGHTS AND POLES PERMIT LOCATION/DESCRIPTION OF WORK: SEWER TIE-IN NAME NICK TASICH: ARB, INC. (PLEASE PRINT (Name of Person, Firm, or Corporation for who	**ANY/ALL SUBC VALID CITY OF S ***WHEN CALLIN GIVE PERMIT NI SUBCONTRACT BUSINESS LICE LICENSE NUMB	STANTON BI NG FOR INS JMBER*** OR: NSE: YES_	ORS MUST HAVE USINESS LICENS PECTION, PLEAS X NO NO	A SE **
APPLICATION FOR: EXCAVATION PERMIT STREETS AND SIDEWALKS PERMIT STRUCTURES IN STREETS PERMIT STREET LIGHTS AND POLES PERMIT LOCATION/DESCRIPTION OF WORK: SEWER TIE-IN NAME NICK TASICH: ARB, INC. (PLEASE PRINT (Name of Person, Firm, or Corporation for who	VALID CITY OF S ***WHEN CALLIN GIVE PERMIT NI SUBCONTRACT BUSINESS LICE LICENSE NUMB	STANTON BI NG FOR INS JMBER*** OR: NSE: YES_	JSINESS LICENS PECTION, PLEAS X NO	SE **
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☐ STREETS AND SIDEWALKS PERMIT ☑ STRUCTURES IN STREETS PERMIT ☐ STREET LIGHTS AND POLES PERMIT LOCATION/DESCRIPTION OF WORK: SEWER TIE-IN NAME NICK TASICH: ARB, INC. (PLEASE PRINT (Name of Person, Firm, or Corporation for who	""WHEN CALLIN GIVE PERMIT NI SUBCONTRACT BUSINESS LICE LICENSE NUMB	NG FOR INS JMBER*** OR: NSE: YES_	PECTION, PLEAS	_
XI STRUCTURES IN STREETS PERMIT □ STREET LIGHTS AND POLES PERMIT LOCATION/DESCRIPTION OF WORK; SEWER TIE-IN NAME NICK TASICH: ARB, INC. (PLEASE PRINT (Name of Person, Firm, or Corporation for who	GIVE PERMIT NI SUBCONTRACT BUSINESS LICE LICENSE NUMB	JMBER*** OR: NSE: YES	X NO	SE
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OCATION/DESCRIPTION OF WORK: SEWER TIE-IN JAME_NICK TASICH: ARB, INC. (PLEASE PRINT (Name of Person, Firm, or Corporation for who	BUSINESS LICE LICENSE NUMB	NSE: YES_		
OCATION/DESCRIPTION OF WORK: SEWER TIE-IN JAME_NICK TASICH: ARB, INC. (PLEASE PRINT (Name of Person, Firm, or Corporation for who		ER: 19407	79	
IAME_NICK TASICH: ARB, INC. (PLEASE PRINT (Name of Person, Firm, or Corporation for who	om Application is made)			
(PLEASE PRINT (Name of Person, Firm, or Corporation for who	om Application is made)			
(PLEASE PRINT (Name of Person, Firm, or Corporation for who	om Application is made)			
•	om Application is made)			
CITY BUSINESS LICENSE NO. AFFLIED				MACON MACON
	. "NOTE: ALL UTILITY OF CHALK PAINT ONLY."			ЛТН
tereby makes application to perform the following described work.	REQUIRED TO PRESSU			
IO SKETCH, PICTURE OR PLAN IS SUBMITTED:	MARKINGS AT THE CO			
SEE ATTACHED SKETCH PLANS CONSISTING OF1		_ 10 /111 (11	oracu Panti	13
INSTALLATION LENGTH WIDT		FEES	INSPECTION	APY
DRIVEWAY(RESIDENTIAL / COMMERCIAL) 867 SF	NEW APPROACH AT 8230 PACIFIC SIDE		DATE	APV.
CURB ONLY		4	ITY OF 6	TANT
CURB AND GUTTER 8' 1.5'	GUTTER TIE-IN TO NEW APPROACH		FA	l 1
CROSS GUTTER				
STORM DRAIN	101 111 is		NOV 0	2019
SIDE WALK			(1010	8 6010
PAVEMENT		AUTHO	RIZATION#	Cradin
EXCAVATION 50' 6' N	NEAT CUT WITH SHORING BOX AND PLATE		***	3458700
	•		Total: \$455.	.00
ADDITIONAL COMMENTS:	CITY STAFF USE ONLY			
antact city	mor start of work. Mi	1st use	L APUL	
Standards when breaking into	gener manhole,			
Standards when breaking into	gener man, hole,	· · · · · · · · · · · · · · · · · · ·		
Standards when breating into	gewer manuhole,	11/5/	2019	

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED

NOTE: The application shall make all necessary arrangements and be responsible for the moving of poles, fire hydrants, and other surface and subsurface objects.

INSPECTION IS REQUIRED

Call the Department of Public Works - Division of Engineering not later than noon on the day prior to the day on which you plan to do the work at (714) 890-4205. No faxes will be accepted. This permit must be on the job at all times.



Public Works Encroachment Permit Standard Conditions of Approval

- The Permittee must use chalk paint to mark out all utility markings: The project may be shut down if the City discovers chall paint was 2.
- The Permittee must remove ALL utility markings in the project area after the conclusion of work (black paint will not be acceptable). The utility markings must be pressured washed off (or other approved method) and not damage any existing surfaces. This includes any

Work hours shall be Monday through Friday 7:00am - 6:00p, except for major or heavily used streets where work hours shall be 9:00am-

The Permittee must call the City to schedule inspection of work at least 24 hours prior to the start of work at (714) 890-4205.

Items requiring inspection include, but are not limited to the following: traffic control, excavation backfilling, temporary resurfacing,

A copy of the encroachment permit shall be kept at the site of work and made available to any law enforcement or Public Works

No storage of vehicles/equipment/materials is permitted on any City streets overnight. 5.

All work done in the public ROW shall be performed in accordance with the Standard Specifications for Public Works Construction

Steel Plates will be utilized for utility trenching and shall be slip resistant, plnned, recessed, and flushed with the existing

A copy of the notification to affected Stanton Residents and Businesses must be submitted to the City for approval prior to start of work. 7. Notices must mention dates and times of expected power outages, water shutoffs, areas of limited access (if applicable). b. One 48 hour notice is required.

No Parking notices must be posted 48 hours in advanced to be enforceable. 8.

- The Permittee is responsible for taking photographs of all pre-existing conditions and all signage and traffic control placed in the City of
- The Permittee will protect in place all existing facilities in the project area and be responsible for repairing them to match the existing
- Any damage to concrete segments shall be removed and replaced to the nearest full slab at the direction of the City inspector. 12. All driveways, Ingress, and egress points must be left open during the course of the project.

A minimum of one lane of traffic must be available in each direction at all times.

14. Permittee shall maintain BMP's per the City's standards.

15. The Permittee is responsible for removing all graffiti that occurs in the project area during construction.

A contractor is required to submit to the City a valid certificate of Workman's Compensation Insurance prior to the issuance of a Public

All contractors performing work in the City will be required to have a business license prior to the issuance of a Public Works Permit.

One public works permit will be issued for each job site, which is defined as one project in which work performed within one city block as defined by the California Streets and Highway Code, in which identical work is performed at one time. Any exception will be subject to the Final inspection and City approval is required to close the permits and release all bonds.

Additional permit conditions may be applicable at the discretion of the City Engineer.

Additional Comments for Utility Companies and Public Agencies

With the exception of emergency cuts, utility companies and public agencies, or their contractors, shall obtain Public Works Permits for all excavations, backfilling and re-surfacing within the public right-of-way, prior to commencement of work.

Emergency cuts are defined as emergency repairs necessary to protect the public health, safety and welfare in which time is of the essence. Emergency cuts by utility companies or public agencies may be performed without prior approval, provided that a Public Works Permit is obtained as soon possible no later than twenty-four (24) hours after the emergency work. In the event the emergency work is performed afterhours when City Hall is closed, a permit must be obtained the next business day. The public works permit fee for the

Utility companies or public agencies shall submit Public Works Permit applications and plans to the Engineering Division prior to issuance of permits. Emergency repairs do not require prior plan approval. All emergency excavation, backfill and re-surfacing shall be in of permits. Emergency repairs do not require prior plan approval. All emergency excavation, backing and re-accordance with Standard Specifications for Public Works Construction (Greenbook) and City of Stanton Standards.

All work shall be planned and carried out so that there will be the least possible inconvenience to the traveling public. Traffic control plans must be submitted to the City of Stanton for approval prior to beginning work (must follow the California Joint Utility Traffic Control Manual or WATCH Manual). Traffic control plans prepared by a registered Traffic Engineer may be required, at the discretion of the City Engineer.

All repair work associated with the permit must be completed within two weeks of the start date of the permit, unless otherwise approved by the City. Work not completed within this time frame may be require a separate encroachment permit and payment of fee.

In addition to applying for Public Works Permits, utility companies shall provide a monthly list of all work performed in the City. Said list shall be submitted to the City Engineering Division at the end of each month and shall include the Permit numbers, dates the work was



City of Stanton

BY:	Department of Public Works						
Project Start Date: TBD				F	PERMIT NO	19-1	43
Project End Date: 09/29/2020							
APPLICATION FOR:				**ANY/ALL SUBCON VALID CITY OF STA			
EXCAVATION PERMIT				***WHEN CALLING	FOR INSPI	ECTION DI FASE	:
STREETS AND SIDEWALKS PERMIT				GIVE PERMIT NUM			
☐ STRUCTURES IN STREETS PERMIT	SUBCONTRACTOR: BUSINESS LICENSE: YES NO						
■ STREET LIGHTS AND POLES PERMIT				LICENSE NUMBER			
LOCATION OF WORK: 10670 Dale Ave Crew to Trench and install new due							_
NAME Southern California Edison (PLEASE PRINT (Name of Person, Firm, or or other person)	- Shirley	Sarmie	ento				_
CITY BUSINESS LICENSE NO.				OTE: ALL LITELTY SAA	DVINCT AN	UCT DE DONE 1483	
Hereby makes application to perform the following		work.	CHA TO	OTE: ALL UTILITY MA ALK PAINT ONLY. THE PRESSURE WASH OFF	PERMITTE ALL UTILIT	EE WILL BE REQUI TY MARKINGS AT	RED
NO SKETCH, PICTURE OR PLAN IS SUBMITTE	_		ACC	MPLETION OF THE PR CEPTABLE TO THE CIT			
SEE ATTACHED SKETCH PLANS CONSISTING	or U	\$F	HEETS LAC	CEPTABLE.			
INSTALLATION	LENGTH	WIDTH	DESCRIPTION (TYPE OF SU	JRFACE, DEPTH)	FEES	INSPECTION DATE	APV.
DRIVEWAY(RESIDENTIAL / COMMERCIAL	.}		CITY OF STAI	NTON			
CURB ONLY			PAID				
CURB AND GUTTER							
CROSS GUTTER			OCT 2.4.20	110			
STORM DRAIN			OCT 3 1 20	NO.			
SIDE WALK	-		()	v 4 999			
PAVEMENT		A	THORIZATION#_ Grad				
EXCAVATION	80'	2'	Concrete A	halt \$455			
		ŀ			1	<i>b</i>	لي ا
			CITY STAFF USE ONLY			Total: \$ 4	7
ADDITIONAL COMMENTS: Contact	014	Orior	stand of nork	Impact	to 1	ane must	be
from dam to 30m-	. 23						ŀ
			J	U			
APPROVED	1/2			10/2	119		
Department of Publi	Works - En	gineering Div	ision	Date	8		
In consideration of the granting of this permit it is from any Hability or responsibility for any accident of this application and the permit or permits which have read this application and state that the abovergistered with audior licensed as required by it performance of the work for which this permit is in performance of the work for which this permit is in SIGNED.	it, loss or dam th may be grad e is correct an ac City of Sta t issued shall saucd, I shall a	mage to person nted in respo ad agree to co anion and/or not employ a not employ a	is or property, happening or occurring use, thereto, and that all of said liabil mply with all ordinances and State la State of California or that I am the my person in violation of the working	g as the proximate result lities are hereby assumed ws regulating building or legal owner of the above en's compensation laws of se subject to the workmen	of any of the by the Appli enstruction. I e described p f the State of s compensal	work undertaken un cant. I hereby acknot thereby certify that property, and I certify I California. "I certification in Galfornia acknotication in 949-701-05	nder the terms owledge that I I am properly lfy that in the ify that in the a."
MAILING ADDRESS 1851 W. Vale	ncia Driv	ve		Cr	_{ry} Fulle	rton	
THIS APPLICATION BEG				INSPE	CTION IS	REQUIRED	

WHEN APPROVED

NOTE: The application shall make all necessary arrangements and be responsible for the moving of poles, fire hydrants, and other surface and subsurface objects.

Call the Department of Public Works - Division of Engineering not later than noon on the day prior to the day on which you plan to do the work at (714) 890-4205 No faxes will be accepted... This permit must be on the job at all times.

Attachment 16 – STRUC-1 CBO Approvals

Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: November 17, 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-1-26.0_TURBINE MONORAIL _191106_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: 2019.11.17 17:55:55

-08'00'

Delegate Chief Building Official Program
PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: November 17, 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-1-42.0_AFCU SKID & CALCS_191115_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: 2019.11.17 17:47:17

-08'00'

Attachment 17 – TRANS-1 Permits

TRANS-1 Roadway Use Permits and Regulations November 2019

- 1. Crated Machine Center delivered on 9/23/19 10/23/19
 - City of San Bernardino WL19-00666
- 2. Frame Module 9/24/19 9/26/19
 - City of Stanton TPO-553
- 3. Crated Machine Center delivered on 9/23/19 9/25/19
 - City of Stanton TPO-550
- 4. Crated Machine Center delivered on 10/02/19 10/04/19
 - State of California e19-088377

Attachment 18 – Safety Inspection Report



SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT NOVEMBER 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 November 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 no incidents and/ or Injuries to report 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 started PSC/ARB's "Finish Strong- Start Strong Safety" Series Program and will continue it through the months of November, December & January in an effort to try and lessen the trend of workers getting hurt around the holiday season. This is a Nine (9) week series of safety topics just to get our Personnel re-focused on the project. The following have been discussed and shared through the month of November, Communications, Evacuation Procedures, Alarms & Locations, Finish Strong/ Start Strong- Pre Job Planning – STAR Card, Finish Strong/ Start Strong- Hand Safety as the topics in our all hands safety meetings for the month of November 2019. We have applied special emphasis on being aware of other Crafts in your work areas. 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. The Triple 9 Crane has been dismantled and removed from the Project site and FAA has been notified. 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 no First Aids, 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 A190280441-13B

Date: Friday, November 15, 2019 11:38:56 AM

EXTERNAL EMAIL

EMLCFM 01408B USAS 11/15/19 11:38:51 A190280441-13B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California. This is an automatically generated confirmation of your DigAlert.

For your safety please excavate carefully around the marked utility lines.

For more information regarding DigAlert's web portals, mobile apps and text messaging, please visit www.digalert.org or text Services to DIGALT (344258).

This email comes from an automated program that is NOT MONITORED. DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 13B Created: 11/15/19 11:38 User: DIRECT Chan: WEB

Work Start: 11/15/19 11:38 Legal Start: 11/15/19 11:38 Expires: 12/13/19

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=6Az66q5xw6p0qAo-z

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
PM1
**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
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 11/15/2019 11:38
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
                                                                   714-577-5011
MWD05 METROPOLITAN WATER
                                       CONTROL ROOM
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
       SO CAL WATER (GOLDEN ST WTR)
SCW2P
                                       GILBERT ESTRADA
                                                                   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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Note!: This email originated from outside our organization. Be cautious when opening Links and Attachments that you were not expecting.

From: noreply@digalert.org ntasich@prim.com To:

Subject: DigAlert Confirmation for Ticket A190280541-12B Date: Tuesday, November 5, 2019 8:38:49 AM

EXTERNAL EMAIL

EMLCFM 00611B USAS 11/05/19 08:38:22 A190280541-12B 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: A190280541 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19

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=7BBoEiFr4p9i2o4-f

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**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
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 11/05/2019 08:38
AM]
Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929
GAR01 C/OF GARDEN GROVE-WATER MWD05 METROPOLITAN WATER
                                                               714-290-8986
                                     LES RUITEMSCHILD
                                      CONTROL ROOM
                                                                714-577-5011
SCG28T SC GAS BREA -TRANSMISSION
                                     ADAM JUAREZ
                                                               714-634-3196
SCG2XN SC GAS - GARDEN GROVE
                                     LEAD DISPATCHER - CHUCK 800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART
                                                               310-660-0320
      SO CAL WATER (GOLDEN ST WTR)
                                                               562-547-
SCW2P
                                     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 A190280543-12B

Date: Tuesday, November 5, 2019 8:38:52 AM

EXTERNAL EMAIL

EMLCFM 00613B USAS 11/05/19 08:38:25 A190280543-12B RNEW NORM POLY LREQ

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This is not a certified copy of the ticket.

Ticket: A190280543 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19

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=FBDmKcLhAn6n1p7-g

```
**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
```

```
**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
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 11/05/2019 08:38
AM]
Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929
GAR01 C/OF GARDEN GROVE-WATER MWD05 METROPOLITAN WATER
                                                               714-290-8986
                                     LES RUITEMSCHILD
                                      CONTROL ROOM
                                                                714-577-5011
SCG28T SC GAS BREA -TRANSMISSION
                                     ADAM JUAREZ
                                                               714-634-3196
SCG2XN SC GAS - GARDEN GROVE
                                     LEAD DISPATCHER - CHUCK 800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART
                                                               310-660-0320
      SO CAL WATER (GOLDEN ST WTR)
                                                               562-547-
SCW2P
                                     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 A190280551-12B Date:

Tuesday, November 5, 2019 8:38:50 AM

EXTERNAL EMAIL

EMLCFM 00612B USAS 11/05/19 08:38:24 A190280551-12B RNEW NORM POLY LREQ

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This email comes from an automated program that is NOT MONITORED. DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: A190280551 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19

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=FBDmKcLhAn7k4mA-d

```
**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
**RENEW TICKET** WORK CONTINUING PER NICK TASICH--[DIRECT 11/05/2019 08:38
AM]
Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929
GAR01 C/OF GARDEN GROVE-WATER MWD05 METROPOLITAN WATER
                                                               714-290-8986
                                     LES RUITEMSCHILD
                                      CONTROL ROOM
                                                                714-577-5011
SCG28T SC GAS BREA -TRANSMISSION
                                     ADAM JUAREZ
                                                               714-634-3196
SCG2XN SC GAS - GARDEN GROVE
                                     LEAD DISPATCHER - CHUCK 800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART
                                                               310-660-0320
      SO CAL WATER (GOLDEN ST WTR)
                                                               562-547-
SCW2P
                                     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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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 M	ADE: SERC_16-AFC-01_13.8K\	, Turbine removal, 480V Transformer FND'S	5_20191119
DATE / TIME: _	1/20 and 11/22 2019 @ 1:30	Ed Puccetti	
ÄAPPROVED □ DISAPPRO\ □ REINSPECT	/ED TON REQUIRED	□AT RISK □PHASE PASS	
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.11.26	DATE: 11/26/19	

COMMENTS:

Inspected the re-bar installation for the 13.8kV Switch Gear Foundation and the Turbine Removal Foundation on 11/20 at 1:30. Inspection passed with no exceptions taken. The re-bar installation for the Transformer Foundations will be done in the next day or two. Marylee inspected the Transformer Foundation on 11/22. All inspections passed with no exceptions taken.



INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Ammonia Injection Skid FND_20191118				
DATE / TIME:	18/2019 @ 1:30 pm INSPEC	ron: Ed Puccetti		
ÄAPPROVED □ DISAPPROVE □ REINSPECTIO		□AT RISK □PHASE PASS		
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.11.18 13:30:58 -08'00'	DATE: 11/18/19		

COMMENTS:

Approved with no exceptions taken



INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Demin Water Tank Clean and Close _20191119				
DATE / TIME: _	11/19/2019 @ 10:30 pm I NS	PECTOR: Ed Puccetti		
ՃAPPROVED □ DISAPPRO □ REINSPEC)	□AT RISK □PHASE PASS		
SIGNATURE:	Digitally signed Edward Puccei Date: 2019.11. 10:33:09 -08'00	DATE: 11/19/2019		

COMMENTS:

Approved with no exceptions taken



INSPECTION RESULT

INSPECTION MA	DE: SERC_16	-AFC-01_East sid	e Site Drainage_	20191125
DATE / TIME:	/25/2019 @ 1:3	30 pm INSPEC	TOR: Ed F	Puccetti
△APPROVED □ DISAPPROVED □ REINSPECTION REQUIRED			□AT RISE	<
SIGNATURE:	AND MACHAGORE and EAVERED in any months bely posity submonths for I are proposed of the proposed submonths for I are proposed of the proposed submonths of the I are all public of the proposed submonths of the public of th	Digitally signed by Edward Puccetti Date: 2019.11.26		DATE: 11/26/19

COMMENTS:

Approved with no exceptions; review of installation on 10/9, 10/10, 10/11, 10/16 10/17 and 11/18



INSPECTION RESULT

INSPECTION MA	NDE: SERC_16-AFC-0)1_Fire Protection Sys	stems UG Pressure Test_20)191107
DATE / TIME:	//7/2019 @ 1:30 pm	INSPECTOR:	/lary Lee Knoll	<u>e</u>
ÄAPPROVED □ DISAPPROV □ REINSPECT	ED ION REQUIRED		RISK ASE PASS	
SIGNATURE:	Edward Date: 2	y signed by I Puccetti 019.11.08 7 -08'00'	DATE: 11/8/19	

COMMENTS:

This inspection request covers the underground only, for this systems indicated on the Pressure Test Reports, and based upon the signed Pressure Test Reports dated: 5-21-19, 6-19-19 and 6-26.

This system is passed based upon the information on these reports only.



INSPECTION RESULT

INSPECTION MA	DE: SERC_16	-AFC-01_Fuel ga	s Systems UG Pi	ressure Test_20191107
DATE / TIME:	/7/2019 @ 1:3	30 pm INSPEC	TOR: Ed I	Puccetti
ÄAPPROVED □ DISAPPROVED □ REINSPECTION REQUIRED			□AT RISI □PHASE	K
SIGNATURE:	AND ANC IS-AFC-HC — IS NOT ISSUED — IN TO SEE THE CONTROL OF A CONTR	Digitally signed by Edward Puccetti Date: 2019.11.13 11:00:13 -08'00'		DATE: 11/13/2019

COMMENTS:

This inspection request covers the underground piping system; only, and for the systems indicated on the signed Pressure Test Reports, FSG-01, FSG-02 and FSG-04 This system is passed based upon the information on these reports only.



INSPECTION RESULT

INSPECTION MA	NDE: SERC_16	∂-AFC-01_Potable V	Nater Systems UG Pressure	Гest_20191107
DATE / TIME: 11	/7/2019 @ 1:: 	30 pm INSPECT	o _{R:} Mary Lee K	nolle
ÄAPPROVED □ DISAPPROV □ REINSPECTI		RED	□AT RISK □PHASE PASS	
SIGNATURE:	ARE ACC DIAGON; — RETYRENDED— — THE THE RELEASE OF THE ACC DIAGON AND THE ACC DIAGON AN	Digitally signed by Edward Puccetti Date: 2019.11.08 11:06:23 -08'00'	DATE: 11	/8/19

COMMENTS:

This inspection request covers the underground only, for this system indicated on the Pressure Test Reports, and based upon the signed Pressure Test Reports dated: 5-28-19, 6-14-19, 7-8-19 and 7-12-19.

This system is passed based upon the information on these reports only.



INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Site Area Paving @ CTG #2 Area_20191107				
DATE / TIME:	/07/2019 @ 1:30 pm INSPEC	TOR: Ed Puccetti		
 △APPROVED □ DISAPPROVED □ REINSPECTION REQUIRED 				
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.11.08 09:09:23 -08'00'	DATE: 11/7/19		

COMMENTS:

Approved with no exceptions taken

End Report