DOCKETED	
Docket Number:	16-AFC-01C
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Document Title:	Stanton Energy Reliability Center Monthly Compliance Report No 7 - August 2019
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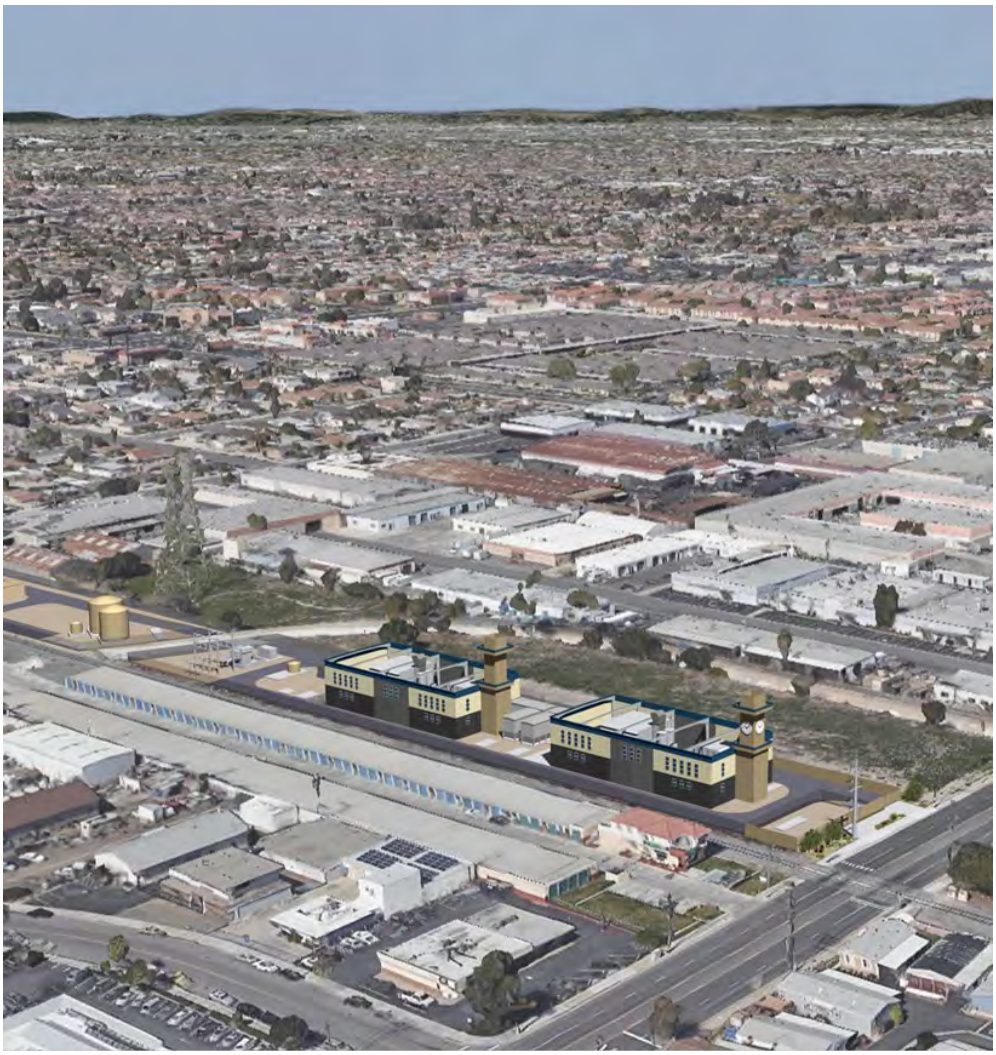
Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 7
Reporting Period: August 2019



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

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Key Events List

PROJECT:	Stanton Energy Reliability Center
DOCKET #:	16-AFC-01
COMPLIANCE PROJECT MANAGER:	John Heiser

EVENT DESCRIPTION	DATE
CEC Decision Date	November 7, 2018
Obtain Site Control	February 12, 2019
Online Date	July 1, 2020
POWR PLANT SITE ACTIVITIES	
Start Site Assessment/Pre-Construction	January 31, 2019
Start Site Mobilization/Construction	February 12, 2019
Begin Pouring Major Foundation Concrete	March 29, 2019
Begin Installing Major Equipment	August 20, 2019
Completion of Installation of Major Equipment	December 24, 2019
First Combustion of Gas Turbine	December 23, 2019
Obtain Building Occupation Permit	TBD
Start Commercial Operation	BESS July 1, 2020; LM6000 July 1, 2020
Complete All Construction	April 28, 2020
TRANSMISSION LINE ACTIVITIES	
Start Transmission Line Construction	August 2019
Complete Transmission Line Construction	November 2019
Synchronization with Grid and Interconnection	March 2, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	August 2019
Complete Gas Pipeline Construction	November 2019
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	TBD
Complete Water Supply Line Construction	TBD

1. Summary

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

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

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

construction, and compliance activities that were performed during the reporting period: August 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).

On August 19, 2019 SoCal Gas mobilized to start the installation of the natural gas line in the Dale Ave. corridor. SERC coordinated efforts with the Jacobs Designated Biologist and Biologist Monitors for the SoCal Gas employee WEAP training.

On August 23, 2019 SERC petitioned the CEC to change the certification for the SERC project to include three newly identified locations to be used temporarily for laydown and additional parking for the construction of the natural gas pipeline. This petition requests a change to the project description only. It does not request changes to project operation or changes to any of the Conditions of Certification.

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 August 2019.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	72%
BESS Design	13%
Procurement	
Owner Supplied Equipment	93%
Contractor Supplied Equipment	58%
Construction	
Power Island	31%
BESS	1%

1.1 Engineering

Through the month of August 2019, Power Engineering (PEI) continued with plant design and supported the submittal of engineering drawings to the DCBO for review and approval. Weekly meetings are held with the DCBO and CPM to review progress.

Power Engineers also prepared and submitted reports for structural site visits. 15-kV switchgear schematic drawings were issued for review. A sketch of the SCE duct bank was provided for SCE use. Provided balance of plant cable terminations. The supervisory control system logic diagrams were issued for review, and Power Engineers continued programing for these systems. Substation relay panel terminations were issued.

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

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

1.2 Procurement

The procurement of Owner Supplied Equipment (OSE) continues and is currently 93% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 74% complete. Major procurement activities completed by construction contractor in August include:

- Above Ground Pipe Materials
- Fabricated Structural Steel

1.3 Construction

The major Unit 1 foundations were completed during the month of August in support of backfilling the south side of the project to bring in the large crane.

The electrical underground work in the power block was completed. Installation of the Trenwa cable trench is in progress. Aboveground conduits and grounding were started equipment as it was set. Installation started on the cable tray supports over the utility bridge.

Fabrication of aboveground piping was completed with the focus moving to field installation on equipment that was set on the foundation.

Safety:
The month of August was completed with no First Aids, lost time injuries, or recordables injuries. Weekly all hands meetings continue to address issues and raise morale through training and information.

During this reporting period the project worked 14,034 man-hours without a lost time or recordable incident. To date, the project has worked 67,074 man-hours without a lost time, or recordable Incident, and only two first aids.

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

Civil:

- Backfilled South side of Parcel 1 for access by crane
- General backfill around foundations and prep for Trenwa installation

Piping:

- Fabrication for aboveground pipe was completed
- Began installation of AG Pipe at the water treatment area, air compressor and ammonia area

Structural:

- Completed ERU1 Foundation
- Completed Fogging Skid foundations for Units 1 and 2
- Completed Perimeter Wall Foundations for Unit 1
- Completed PDM and CM foundations
- Placed Base mat and Pedestal for SPM
- Erected Utility Rack

Electrical:

- Continued Material Procurement
- Working on installation of Trenwa along Unit 1 and 2 foundations
- Completed installation of UG in Unit 2 and Unit 1 area
- Completed 480V Ductbank
- Grounding installed in several areas
- Install cable tray supports on Utility Bridge

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion remains at February 26, 2020 as shown in the August 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 79 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 343. 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 pre-construction nest surveys to the CPM, California Department of Fish and Wildlife (CDFW) and U.S. Fish and Wildlife Service (USFWS) as required. These activities and reports are addressed in the Monthly Biological Report included as Attachment 4. Impact avoidance and minimization measures related to nesting and breeding birds have been implemented during the reporting period. This information is included in Attachment 4.

CIVIL-1: There were no proposed changes to the drainage structures and the grading; the erosion and sedimentation control plan; the construction Storm Water Pollution Prevention Plan (SWPPP); related calculations and specifications that have been signed and stamped by the responsible civil engineer or the soils, geotechnical or foundation investigations reports required by the 2016 CBC that have been previously submitted and approved by the CBO.

CIVIL-3: There were no inspection, non-conformance reports during the reporting period. (Attachment 5)

COM-5: An updated compliance matrix is provided as Attachment 2.

COM- 6: This MCR conforms to and satisfies the COC.

COM-7: There were no required Periodic or Annual Compliance Reports due in this reporting period.

COM-9: The Annual Compliance Fee was paid by SERC, LLC on Jun 5th. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.

COM-11: There were no complaints, notices, warnings, citations or fines during this reporting period. The Complaint Log can be found in Attachment 21 of this MCR.

COM-13: No Incident-Reporting Requirements occurred during this reporting period.

CUL-1: Additional CRS (Ryan Rolston and John McDermont) were proposed during the reporting period.

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

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

CUL-5: During the reporting period 79 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 343 Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

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

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

ELEC-1: Documentation of transmittal of electrical construction design review and approval by the DCBO during the reporting period is included in Attachment 8.

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 three (3) additional special inspectors approved during the reporting period as indicated in Attachment 11.

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

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

HAZ-2: On August 2, 2019 SERC filed a hazardous materials business plan and a spill prevention control countermeasures plan to the California Energy Commission and Orange County Environmental Health Division (OCEHD) for review.

HAZ 8: On August 9, SERC made notification of the availability of the Site-Specific Site Security plan in accordance with HAZ-8. On August 21, 2019 CPM was on site and received a copy of the plan to review. On August 29, 2019 the CEC provided comments and SERC is currently in the process to incorporate the comments.

MECH-1: There were no submittals from SERC to the CBO during this reporting period. Documentation of transmittal letters of completion of all DCBO inspections are included in Attachment 22.

MECH-2: There were no on-site fabrication or installation of any pressure vessels during this reporting period.

NOISE-2: There were no noise complaints received during this reporting period.

PAL-1: The additional PRM's (Kristin McCallister, William Gelnaw, and Jaspal Saini) were proposed during the reporting period.

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

PAL-3: The PRMMP is being fully implemented. Specific details can be found in the Monthly Paleontology Resources Report included as Attachment 7.

PAL-5: During the reporting period 79 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 343. 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 17,460 CF. Daily water usage is provided within Attachment 14.

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

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

TRANS-1: There was one delivery requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as provided in Attachment 17

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

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

TSE-2: There were no receipt of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period. Forty-three (43) electrical drawings were submitted to the CBO for approval, Forty-three (43) have been approved by the CBO and at the present there are no other drawings. Transmittal letters included as Attachment 23.

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

WASTE-4: During this reporting period five (5) forty-yard bins of construction waste left the site and twelve (12) 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:

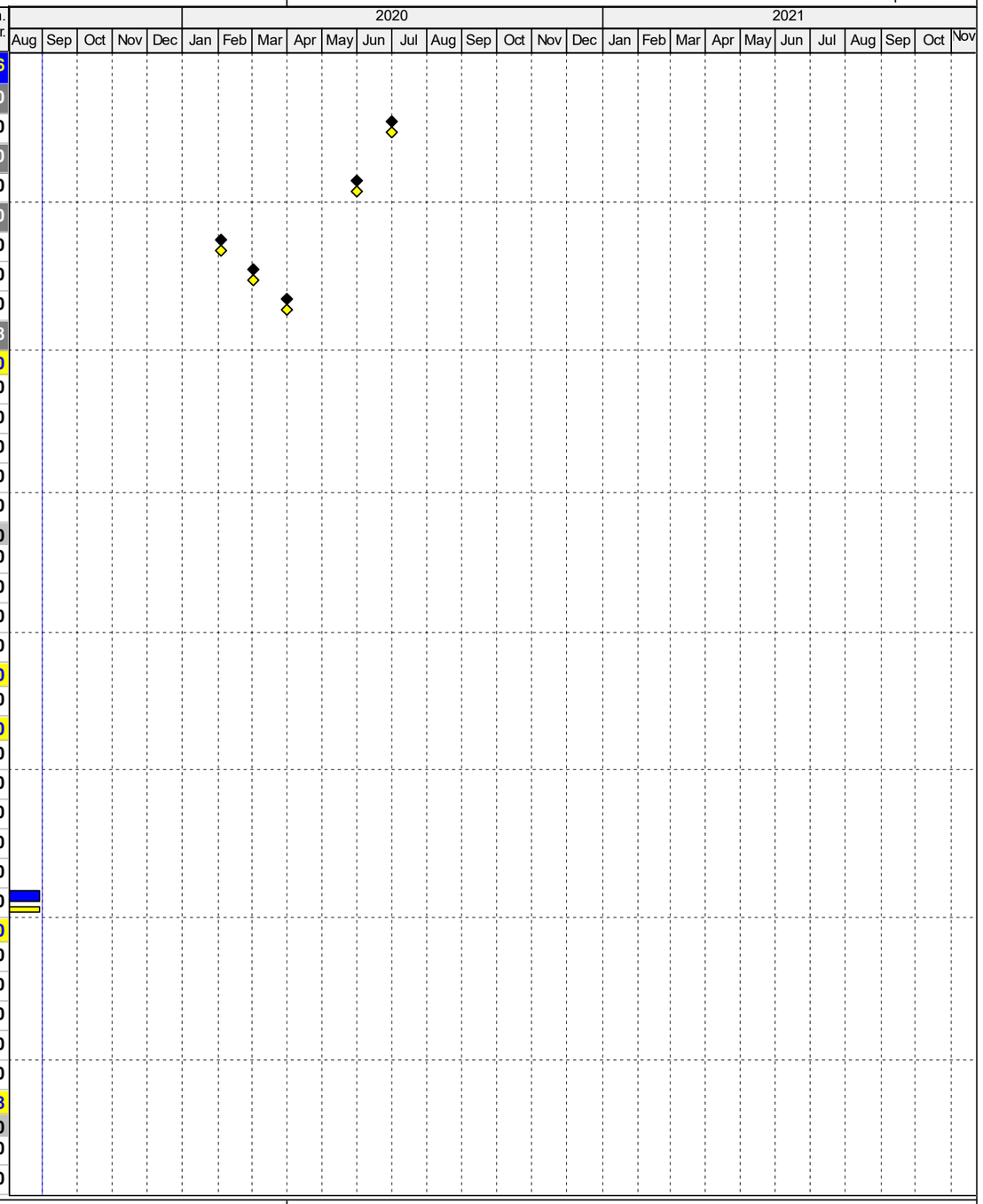
1. all finalized original and amended structural plans and “as-built” drawings for the entire project (later)
2. the most current versions of any plans, manuals, and training documentation required by the COC or applicable LORS

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 August 2019.

Attachment 1 – COM-6 Project Schedule

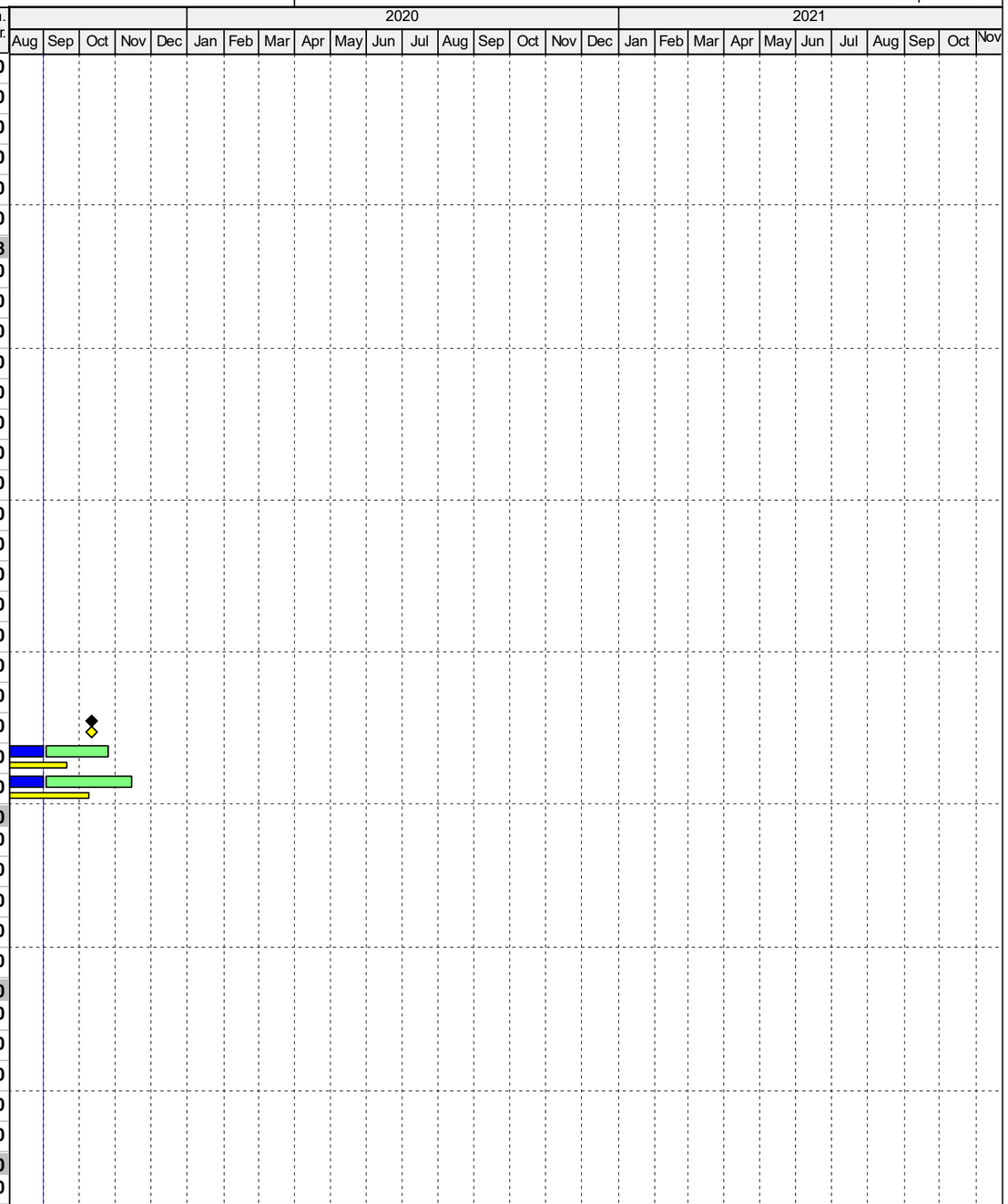
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
SERC Baseline Project Master Schedule (w/ARB August Sched) E		**875**	**54.06%**	**26-Oct-16 A**	**26-Aug-21**	**0**	**26**
LM6000 RAPA Key Milestone		**0**	**0%**	**01-Jul-20**	**01-Jul-20**	**234**	**0**
2	Expected Initial Delivery Date	0	0%		01-Jul-20*	234	0
Storage RAPA Key Milestone		**0**	**0%**	**01-Jun-20**	**01-Jun-20**	**251**	**0**
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	251	0
GIA Key Milestones		**34**	**0%**	**03-Feb-20**	**01-Apr-20**	**285**	**0**
6	In-Service Date (Initial Backfeed - Liquidated Damage	0	0%		03-Feb-20*	456	0
7	Initial Synchronization Date/Trial Operation (No Later	0	0%		02-Mar-20*	303	0
8	Commercial Operation Date (No Later Than)	0	0%		01-Apr-20*	158	0
Pre-construction Activities		**701**	**94.15%**	**26-Oct-16 A**	**14-Nov-19**	**361**	**-18**
CEC Permitting		**434**	**100%**	**26-Oct-16 A**	**12-Feb-19 A**		**0**
12	Presiding Members Proposed Decision (PMPD) issue	1	100%	08-Oct-18 A	08-Oct-18 A		0
13	Full Commission Decision for Approval	0	100%	13-Nov-18 A			0
15	CEC Decision Final (non-appealable)	0	100%		13-Dec-18 A		0
14	Post-Approval 30-day appeal period	30	100%	13-Nov-18 A	13-Dec-18 A		0
11	Application for Certification	782	100%	26-Oct-16 A	17-Dec-18 A		0
Pre-Construction Compliance (CEC)		**47**	**100%**	**13-Nov-18 A**	**12-Feb-19 A**		**0**
18	Limited Notice to Proceed (LNTP)	0	100%		31-Jan-19 A		0
17	Compliance submittals necessary to get a Limited N	69	100%	13-Nov-18 A	31-Jan-19 A		0
20	Full Notice to Proceed (FNTP)	0	100%	12-Feb-19 A			0
19	Compliance submittals necessary to get a Full Notic	83	100%	13-Nov-18 A	12-Feb-19 A		0
SCAQMD Air Permit		**0**	**0%**	**15-Nov-18 A**	**15-Nov-18 A**		**0**
22	SCAQMD Authority To Construct (ATC) issued	0	100%	15-Nov-18 A			0
Engineering		**575**	**100%**	**29-Oct-18 A**	**29-Aug-19 A**		**0**
24	"Issued For Bid" Engineering Package for Contractor	174	100%	31-Oct-18 A	31-Oct-18 A		0
25	Further Develop Engineering to Signed and Stamped	575	100%	31-Oct-18 A	17-Dec-18 A		0
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-19 A		0
29	Assemble Engineering into CBO submittal packages	148	100%	11-Dec-18 A	29-Aug-19 A		0
Real Properties or Land Control		**394**	**100%**	**06-Aug-18 A**	**25-Feb-19 A**		**0**
31	Valov Lease Agreement Executed	0	100%		06-Aug-18 A		0
34	Sewer Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0
33	Water Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0
35	Orange County Public Works (OCPW) Encroachment	4	100%	03-Dec-18 A	01-Feb-19 A		0
32	SCE Easement Consent	81	100%	31-Dec-18 A	25-Feb-19 A		0
Owner Supplied Equipment (OSE) Procurement Schedule		**356**	**88.48%**	**08-Feb-18 A**	**14-Nov-19**	**361**	**-18**
LM6000 Packages		**190**	**100%**	**22-Feb-18 A**	**01-Aug-19 A**		**0**
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



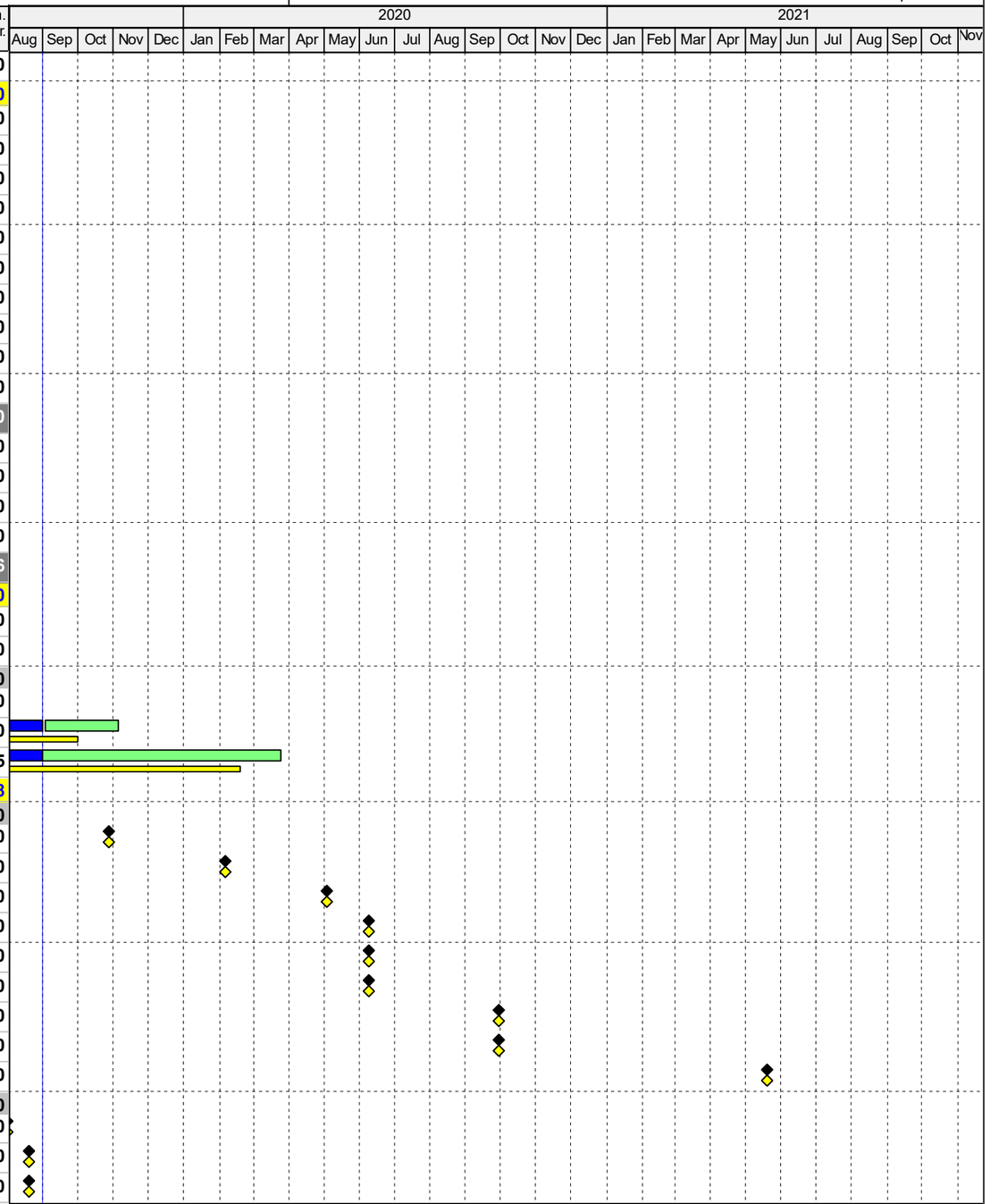
Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
40	Order of Long Lead Time Items	0	100%	23-May-18 A			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 Shipmer	0	100%		21-May-19 A		0
42	Manufacturer Time (FNTP-Delivery)	169	100%	23-Aug-18 A	21-May-19 A		0
A1000	Transportation From FCA Delivery Point To Site	40	100%	21-May-19 A	01-Aug-19 A		0
Emissions Reduction Unit (ERU)		356	88.48%	08-Feb-18 A	14-Nov-19	361	-18
47	Effective Date of the ERU Supply Contract	0	100%		08-Feb-18 A		0
57	Selection of Nox & CO Catalyst	0	100%		01-Jun-18 A		0
62	Engineering Received from Manufacturer	0	100%		05-Jul-18 A		0
56	Engineering Received from Manufacturer	0	100%		13-Jul-18 A		0
61	Approval of Engineering	0	100%		19-Jul-18 A		0
55	Approval of Engineering	0	100%		27-Jul-18 A		0
54	Release for Fabrication of Nox & CO Catalyst	0	100%		13-Aug-18 A		0
53	Delivery of instalation proceedures	0	100%		24-Aug-18 A		0
60	Engineering Received from Manufacturer	0	100%		30-Aug-18 A		0
52	Delivery of maintenance proceedures	0	100%		07-Sep-18 A		0
59	Approval of Engineering	0	100%		13-Sep-18 A		0
58	FNTP	0	100%	12-Oct-18 A			0
A1010	Fabrication Drawings	4	100%	12-Oct-18 A	01-Feb-19 A		0
A1020	SERC Review Fabrication Drawings	4	100%	01-Feb-19 A	15-Feb-19 A		0
51	Manufacturer Time (FNTP-Delivery)	123	100%	15-Feb-19 A	18-Jun-19 A		0
49	NOx & CO Modules	0	0%		11-Oct-19	379	0
50	Delivery/Goods Received (Duct, Stack, Silencer)	59	47.64%	01-Jul-19 A	25-Oct-19	361	-20
A1030	Transportation Of ERU Materials	4	0%	01-Jul-19 A	14-Nov-19	361	-20
Generator Step-Up Transformer (GSU)		194	100%	29-Jun-18 A	31-May-19 A		0
64	LNTP/PO Date	0	100%		29-Jun-18 A		0
66	FNTP	0	100%	20-Sep-18 A			0
65	Engineering Received from Manufacturer	56	100%	29-Jun-18 A	20-Sep-18 A		0
67	Manufacturer Time (FNTP-Delivery)	162	100%	20-Sep-18 A	28-Feb-19 A		0
69	Delivery/Goods Received At Site	0	100%		31-May-19 A		0
Vehicle Bridge		47	100%	01-Nov-18 A	22-Mar-19 A		0
71	LNTP/PO Date	0	100%	01-Nov-18 A			0
73	FNTP	0	100%		07-Jan-19 A		0
72	Engineering Received from Manufacturer	32	100%	02-Nov-18 A	07-Jan-19 A		0
74	Manufacturer Time (FNTP-Delivery)	24	100%	08-Jan-19 A	28-Feb-19 A		0
75	Delivery/Goods Received	0	100%		22-Mar-19 A		0
Balance Of Plant OSE		119	100%	01-Jul-18 A	01-Apr-19 A		0
78	Place BOP OSE Purchase Orders	180	100%	01-Jul-18 A	28-Dec-18 A		0



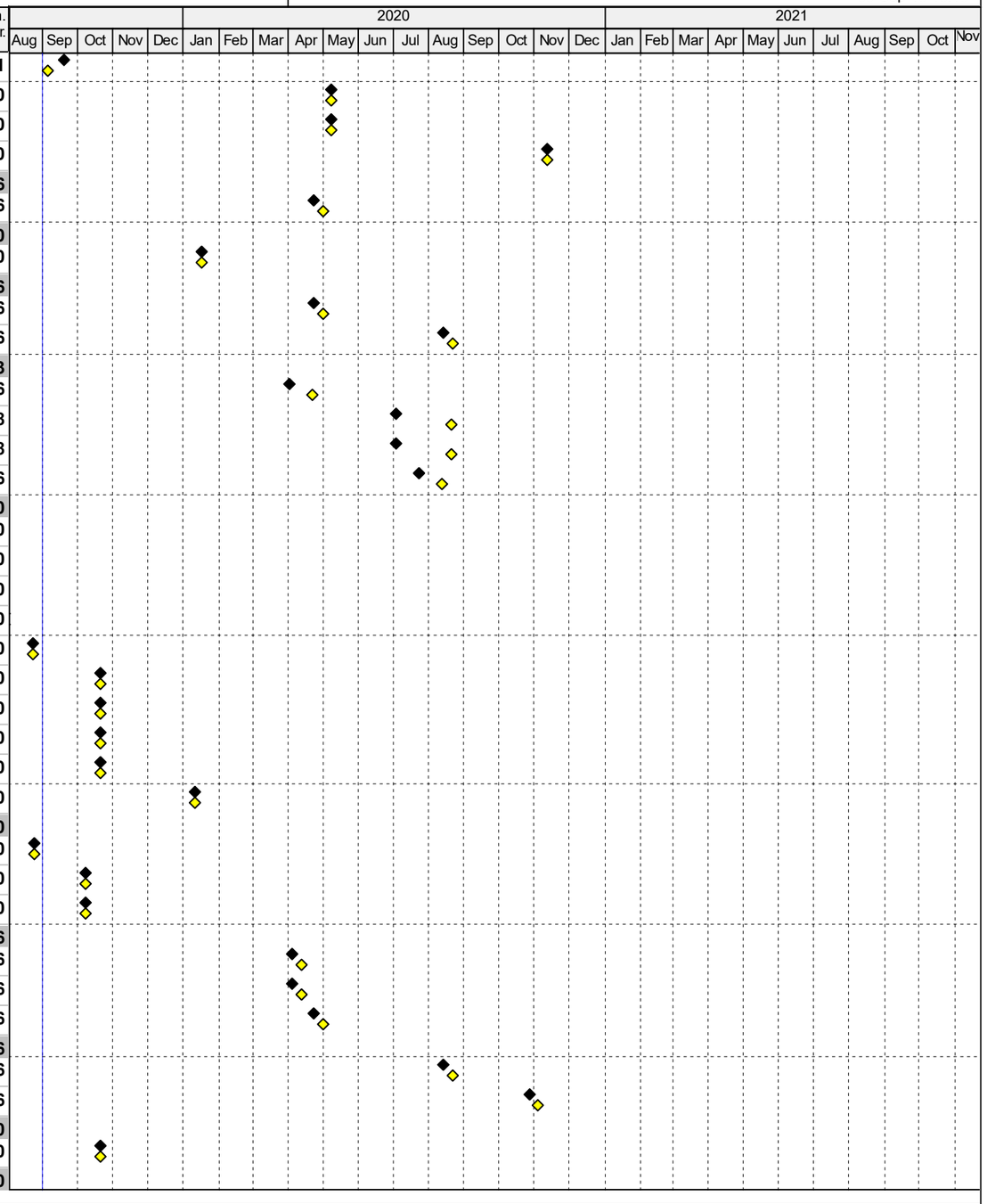
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
79	Available for delivery to the Project Site	0	100%	01-Apr-19 A			0
Construction Contracting		97	100%	03-Sep-18 A	24-Jan-19 A		0
81	Receive Initial Bids from Construction Contractors	0	100%	03-Sep-18 A			0
82	Review Initial Bids	30	100%	04-Sep-18 A	04-Oct-18 A		0
84	Achieve Commercial Lockdown	0	100%		26-Nov-18 A		0
83	Short list two construction contractors and negotiate	28	100%	04-Oct-18 A	26-Nov-18 A		0
86	Final Bids Turned In	0	100%		14-Dec-18 A		0
85	Contractor Pricing Refresh	18	100%	26-Nov-18 A	14-Dec-18 A		0
87	Review Final Bids / Select Contractor	2	100%	14-Dec-18 A	20-Dec-18 A		0
89	Make executed construction contract available in the	0	100%		21-Dec-18 A		0
88	Execute Construction Contract	0	100%		21-Dec-18 A		0
90	Provide Notice To Proceed to Contractor	0	100%		24-Jan-19 A		0
Project Finance		176	100%	16-Oct-18 A	24-Jan-19 A		0
92	Provide Mandate to Helaba	0	100%	16-Oct-18 A			0
93	Perform Dilligence	1	100%	16-Oct-18 A	14-Jan-19 A		0
94	Develop Loan Documentation	4	100%	16-Oct-18 A	17-Jan-19 A		0
95	Financial Close	0	100%	24-Jan-19 A			0
CEC Compliance		539	25.51%	19-Dec-18 A	26-Aug-21	0	26
CBO Activity		217	47.97%	19-Dec-18 A	25-Mar-20	289	-20
99	CBO Kick off Meeting	0	100%		19-Dec-18 A		0
98	CBO Contract Execution	0	100%	19-Dec-18 A			0
CBO performance of duties		217	47.97%	26-Dec-18 A	25-Mar-20	289	-20
101	Review and approve Pre-construction submittal	1	100%	26-Dec-18 A	27-Dec-18 A		0
103	Perform Plan Check of Submittals	148	75.68%	27-Dec-18 A	04-Nov-19	366	-20
102	Inspector On Site	390	47.18%	04-Feb-19 A	25-Mar-20	519	-35
CEC Compliance R1		614	7.95%	20-Jul-19 A	26-Aug-21	0	38
Air Quality		455	0%	28-Oct-19	19-May-21	79	0
AQ-1010	AQ-D1b - Initial Source Test	0	0%	28-Oct-19		534	0
AQ-1015	AQ-D1b - Initial Source Test	0	0%	05-Feb-20		454	0
AQ-1020	AQ-D2 - Operations Source Test	0	0%	03-May-20		384	0
AQ-1170	AQ-K1 - Source Test Results	0	0%	09-Jun-20		354	0
AQ-1100	AQ-D5 - CEMS for NOx	0	0%	09-Jun-20		354	0
AQ-1080	AQ-D4 - CEMS for CO	0	0%	09-Jun-20		354	0
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0	0%	30-Sep-20		264	0
AQ-1000	AQ-D1a - Initial Source Test	0	0%	30-Sep-20		264	0
AQ-1050	AQ-D3 - NH3 Source Test	0	0%	19-May-21		79	0
Biological		376	10.65%	31-Jul-19 A	12-Nov-20	230	0
BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact	0	100%	31-Jul-19 A			0
BIO-1050	BIO-8b - Preconstruction Nest Survey Letter Report	0	100%	19-Aug-19 A			0
BIO-1040	BIO-8a2 - Pre-Construction Nest Surveys and Impact	0	100%	19-Aug-19 A			0



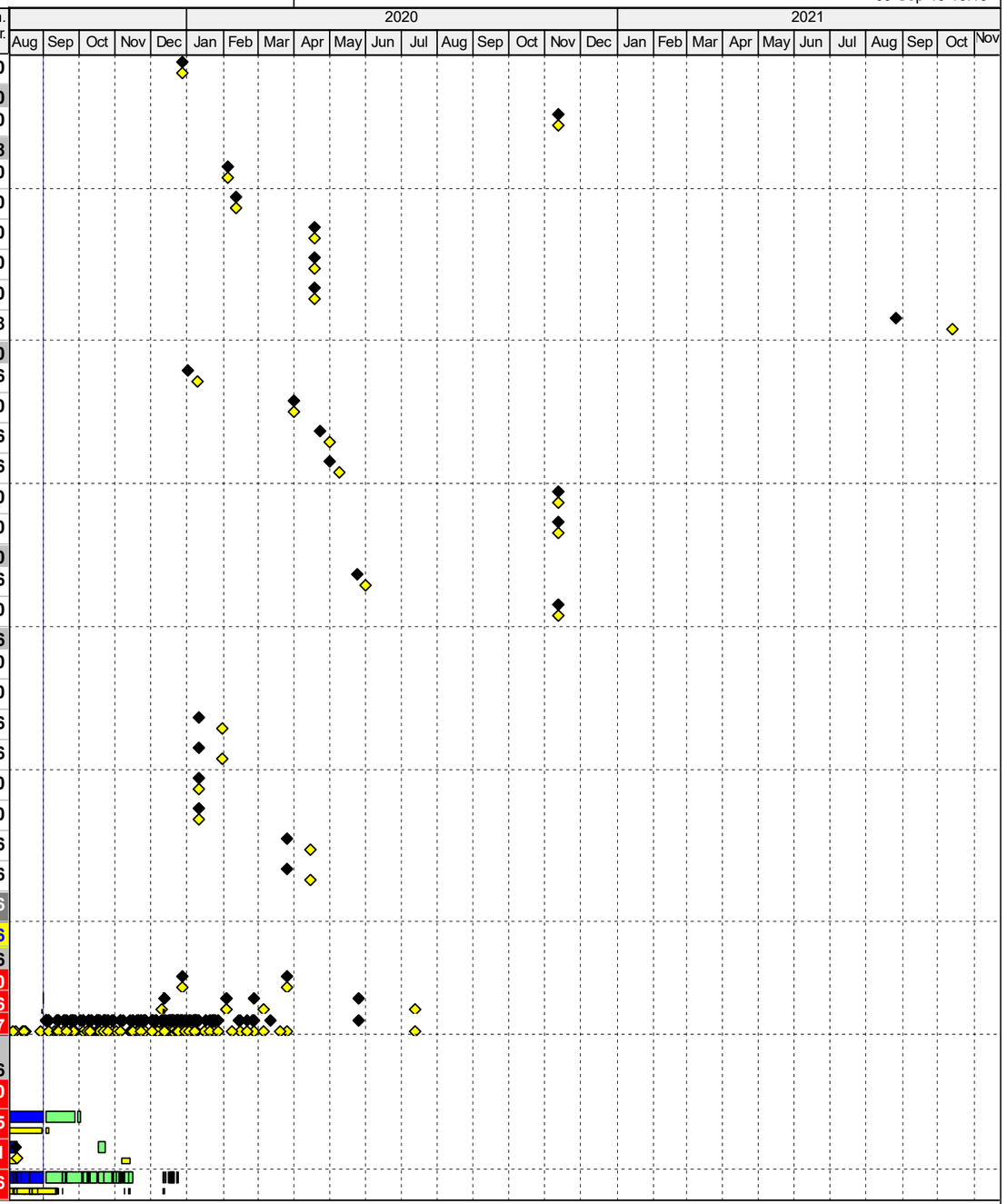
Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusi	0	0%	19-Sep-19		474	-11
BIO-1020	BIO-7b - General Impact Avoidance and Mitigation Me	0	0%	08-May-20		380	0
BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0	0%	08-May-20		380	0
BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on	0	0%	12-Nov-20		230	0
Civil		0	0%	23-Apr-20	23-Apr-20	392	6
CIV-1010	CIVIL-4a - Final Grading Plan Approval	0	0%	23-Apr-20		392	6
Communication		0	0%	17-Jan-20	17-Jan-20	470	0
COM-1020	COM-12b - Emergency Response Site Contingency P	0	0%	17-Jan-20		470	0
Cultural		90	0%	23-Apr-20	13-Aug-20	302	6
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval	0	0%	23-Apr-20		392	6
CUL-1010	CUL-4b - Final Cultural Resources Report	0	0%	13-Aug-20		302	6
General		90	0%	01-Apr-20	23-Jul-20	319	23
GEN-1030	GEN-8b - Plan and Specification Storage	0	0%	01-Apr-20		409	16
GEN-1010	GEN-1b - Certificate of Occupancy	0	0%	03-Jul-20		335	38
GEN-1000	GEN-1a - Certificate of Occupancy	0	0%	03-Jul-20		335	38
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0%	23-Jul-20		319	16
Hazardous		140	52.57%	20-Jul-19 A	11-Jan-20	474	0
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
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	0%	20-Oct-19		541	0
HAZ-1040	HAZ-4 - Ammonia Storage Tank Design	0	0%	20-Oct-19		541	0
HAZ-1030	HAZ-3 - Aqueous Ammonia Safety Management Plan	0	0%	20-Oct-19		541	0
HAZ-1020	HAZ-2c - Final Risk Management Plan	0	0%	20-Oct-19		541	0
HAZ-1090	HAZ-9 - Fuel Gas Pipe Cleaning	0	0%	11-Jan-20		474	0
Mechanical		35	100%	24-Aug-19 A	07-Oct-19	551	0
MECH-1000	MECH-2a - Pressure Vessel Installation	0	100%	24-Aug-19 A			0
MECH-1020	MECH-3b - HVAC Plans	0	0%	07-Oct-19		551	0
MECH-1010	MECH-3a - HVAC Plans	0	0%	07-Oct-19		551	0
Noise		15	0%	04-Apr-20	23-Apr-20	392	6
NOI-1030	NOISE-5 - Occupational Noise Survey	0	0%		04-Apr-20	407	6
NOI-1010	NOISE-4a - Operational Noise Survey	0	0%	04-Apr-20		392	6
NOI-1020	NOISE-4b - Noise Survey Summary Report	0	0%	23-Apr-20		392	6
Paleo		60	0%	13-Aug-20	27-Oct-20	242	6
PAL-1000	PAL-7 - Paleontological Resources Report	0	0%	13-Aug-20		242	6
PAL-1010	PAL-8 - Curation Entity/Curation Fees	0	0%	27-Oct-20		242	6
Structural		0	0%	20-Oct-19	20-Oct-19	541	0
STR-1010	STRUC-4a - Tank and HazMat Vessel Design	0	0%	20-Oct-19		541	0
Transmission		0	0%	27-Dec-19	27-Dec-19	486	0



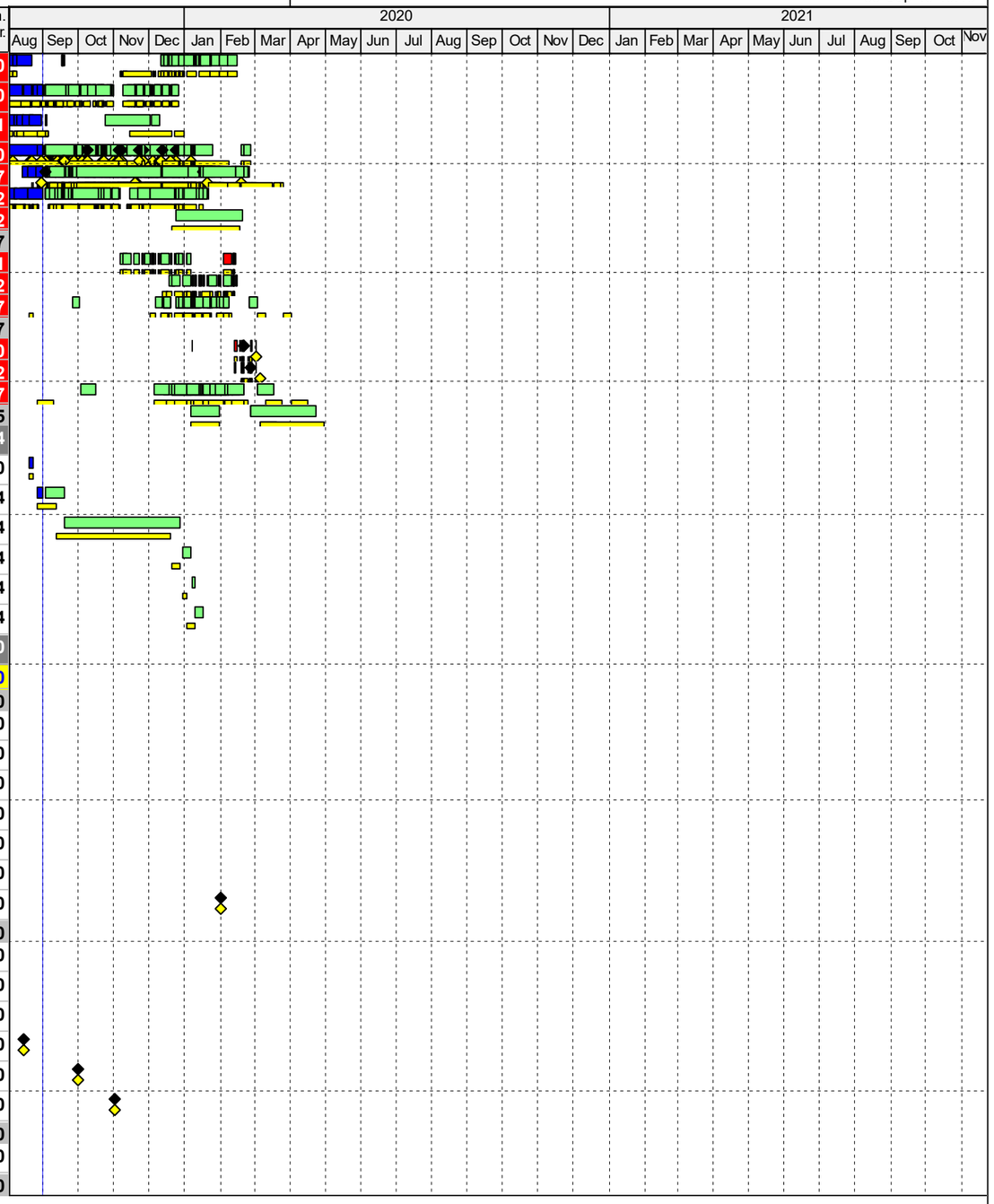
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
TLSN-1010	TLSN-2 - Metallic Objects Grounded	0	0%	27-Dec-19		486	0
Transportation		0	0%	12-Nov-20	12-Nov-20	230	0
TNP-1000	TRANS-4b - Copies of Permits	0	0%	12-Nov-20		230	0
Switchyard		455	0%	04-Feb-20	26-Aug-21	0	38
TSE-1060	TSE-4b - Notice to CAISO	0	0%	04-Feb-20		455	0
TSE-1050	TSE-4a - Notice to CAISO	0	0%	11-Feb-20		449	0
TSE-1090	TSE-5d - As-Built Drawings	0	0%	18-Apr-20		396	0
TSE-1080	TSE-5c - As-Built Drawings	0	0%	18-Apr-20		396	0
TSE-1070	TSE-5b - As-Built Drawings	0	0%	18-Apr-20		396	0
TSE-1020	TSE-2b - Final Switchyard Design	0	0%	26-Aug-21		0	38
Visual		252	0%	01-Jan-20	12-Nov-20	230	0
VIS-1010	VIS-2a - Screening Landscaping Plan	0	0%	01-Jan-20		482	6
VIS-1000	VIS-1c - Notification that Treatment Completed	0	0%	01-Apr-20		410	0
VIS-1020	VIS-2c - Landscape Installation Timing	0	0%	23-Apr-20		392	6
VIS-1030	VIS-2d - Landscaping Ready for Inspection	0	0%	01-May-20		385	6
VIS-1100	VIS-4h - Pre-COD Inspection	0	0%	12-Nov-20		230	0
VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0	0%	12-Nov-20		230	0
Waste		137	0%	24-May-20	12-Nov-20	230	0
WASTE-1020	WASTE-1b - SMP Summary	0	0%	24-May-20		367	6
WASTE-1050	WASTE-8a - Operation Waste Management Plan	0	0%	12-Nov-20		230	0
Worker Safety		193	68.98%	28-Jul-19 A	25-Mar-20	415	16
WRSF-1040	WORKER SAFETY-7c - Fire Protection System Speci	0	100%	28-Jul-19 A			0
WRSF-1020	WORKER SAFETY-7a - Fire Protection System Speci	0	100%	28-Jul-19 A			0
WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA	0	0%	10-Jan-20		475	16
WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0	0%	10-Jan-20		475	16
WRSF-1010	WORKER SAFETY-2b - Operations H&S Program	0	0%	11-Jan-20		474	0
WRSF-1000	WORKER SAFETY-2a - Operations H&S Program	0	0%	11-Jan-20		474	0
WRSF-1080	WORKER SAFETY-8f.1 - Final UL Certification of ESS	0	0%	25-Mar-20		415	16
WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS	0	0%	25-Mar-20		415	16
LM6000 Construction Schedule		312	52.56%	09-Nov-18 A	26-May-20	254	26
Stanton Energy Reliability Center - 01SEP19		312	52.56%	09-Nov-18 A	26-May-20	254	26
Milestones		311	52.44%	09-Nov-18 A	26-May-20	-34	26
Contract Milestones		278	81.84%	09-Nov-18 A	26-Mar-20	0	0
Project Milestones		278	66.38%	14-Jan-19 A	26-May-20	-34	26
Payment Milestones		288	48.68%	24-Dec-18 A	26-May-20	-33	27
Inclement Weather / Rain Days		1	100%	04-Mar-19 A	04-Mar-19 A		
Construction		262	62.69%	04-Feb-19 A	26-Feb-20	304	16
Mobilization		19	100%	04-Feb-19 A	01-Mar-19 A		0
Site Preparation		181	90.71%	19-Feb-19 A	01-Oct-19	34	-15
Vehicle Bridge		139	97.13%	04-Mar-19 A	23-Oct-19	-10	11
UG Electrical		165	62.14%	22-Mar-19 A	24-Dec-19	52	-6



Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

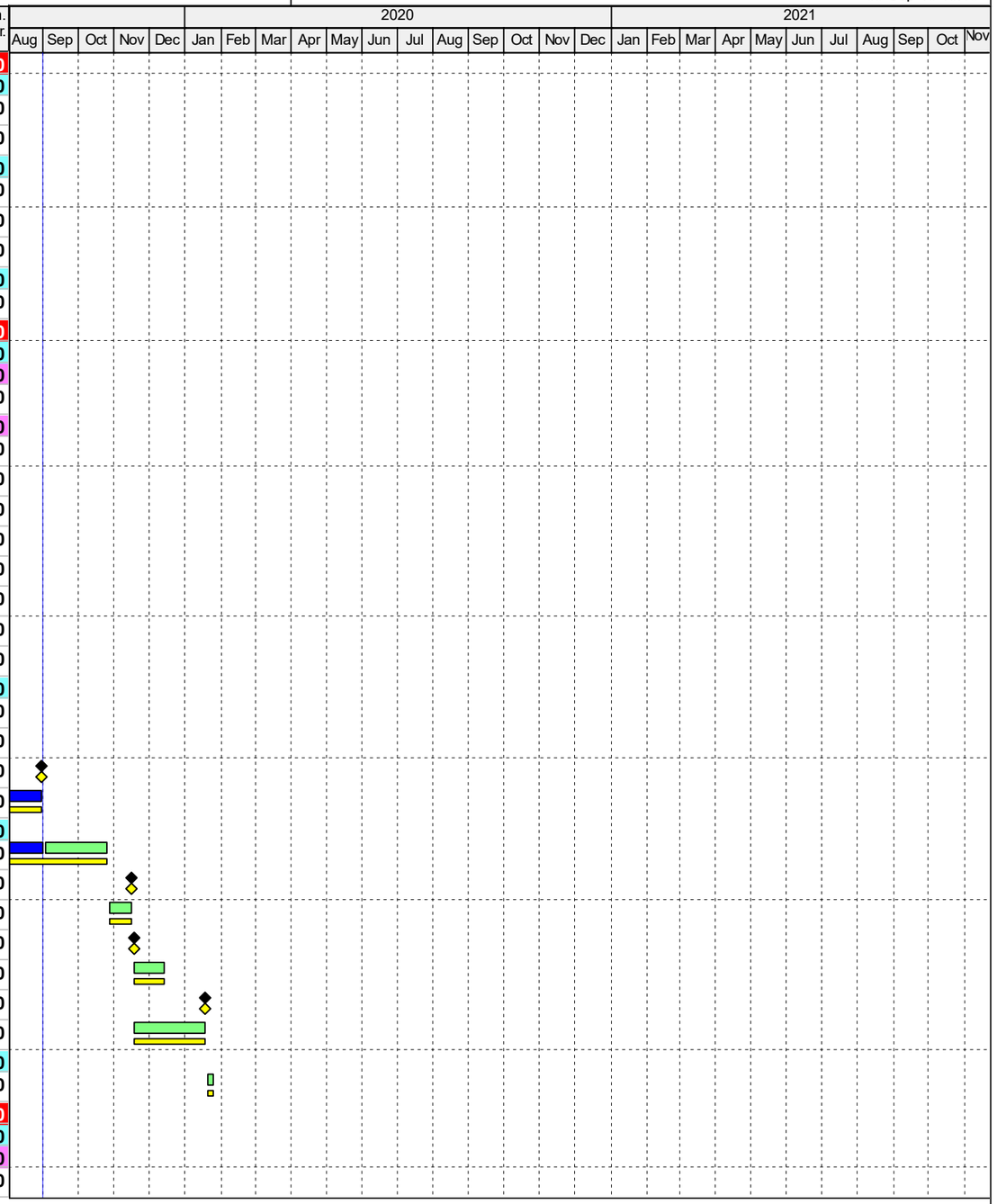
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
UG Piping		158	47.21%	06-May-19 A	14-Feb-20	311	0
Foundations		227	72.18%	06-Mar-19 A	26-Dec-19	339	0
Structural Steel		141	61.36%	05-Feb-19 A	10-Dec-19	-6	11
Equipment Installation		156	37.44%	20-May-19 A	26-Feb-20	304	0
Electrical Installation		174	44.5%	11-Apr-19 A	25-Feb-20	305	17
AG Piping		97	20.66%	29-Jul-19 A	21-Jan-20	-25	-2
Painting & Insulation		34	4.76%	24-Dec-19	19-Feb-20	21	-2
Pre-Commissioning		87	0%	26-Sep-19	03-Mar-20	6	17
U2 Power Block PWP's		54	0%	06-Nov-19	13-Feb-20	-34	-1
U1 Power Block PWP's		33	0%	18-Dec-19	14-Feb-20	-32	-2
System Turn Over Packages		87	0%	26-Sep-19	03-Mar-20	6	17
Commissioning		129	29.19%	29-Jul-19 A	17-Mar-20	293	17
U2 Power Block CWP's		120	73.33%	29-Jul-19 A	02-Mar-20	302	0
U1 Power Block CWP's		120	91.33%	29-Jul-19 A	02-Mar-20	302	2
System Commissioning Packages		91	0%	03-Oct-19	17-Mar-20	6	17
Demobilization		62	0%	06-Jan-20	22-Apr-20	-15	5
Socal Gas Line Schedule		82	9.76%	19-Aug-19 A	16-Jan-20	328	-4
SCG-1000	Mobilization	5	100%	19-Aug-19 A	23-Aug-19 A		0
SCG-1010	Install 600' Of 12"	13	23.08%	26-Aug-19 A	19-Sep-19	328	-4
SCG-1020	Install 1200' of 12"	4	0%	19-Sep-19	27-Dec-19	328	-4
SCG-1030	Testing	4	0%	30-Dec-19	06-Jan-20	328	-4
SCG-1040	Socal Gas Tie-In	4	0%	07-Jan-20	09-Jan-20	328	-4
SCG-1050	De-Mobilize	4	0%	09-Jan-20	16-Jan-20	328	-4
SCE Interconnection Schedule		470	58.33%	07-Apr-17 A	20-Aug-20	206	0
Stanton Energy Reliability Center Integrated Schedule (PIN# 8016) - Update		470	58.33%	07-Apr-17 A	20-Aug-20	206	0
Project Management		358	100%	07-Apr-17 A	01-Feb-20	319	0
0110	PMWIF Issuance	0	100%		07-Apr-17 A		0
0115	PMWIF Acceptance	0	100%		14-Apr-17 A		0
0100	Issue ATP	0	100%		20-Mar-18 A		0
0120	Customer Final Design	10	100%	02-Jul-18 A	14-Dec-18 A		0
0130	Substation Designs Complete	0	100%		05-Feb-19 A		0
0125	Issued Drawings to CDM	0	100%		10-Apr-19 A		0
0105	Approved OD	0	0%		01-Feb-20*	-50	0
Customer Milestones		229	89.96%	14-Dec-18 A	01-Nov-19	474	0
01205	Design Drawings Final	0	100%		14-Dec-18 A		0
01210	UG 66kV Duck Construction Complete	0	100%		01-May-19 A		0
01215	66kV Dead-End Rack Construction Complete	0	100%		01-Jul-19 A		0
01220	Diverse Fiber Duct Construction Complete	0	100%		15-Aug-19 A		0
01225	Control House Ready for SCE Telecom Cabinets	0	0%		01-Oct-19*	0	0
01230	Ready for In-Service Testing	0	0%		01-Nov-19*	0	0
Environmental		150	100%	01-Aug-18 A	31-May-19 A		0
0355	Environmental Process	150	100%	01-Aug-18 A	31-May-19 A		0
Substation		388	72.94%	25-Jan-18 A	24-Jan-20	-39	0



Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
Mirage Substation		227	100%	14-May-18 A	13-Jun-19 A		0
Engineering		130	100%	14-May-18 A	15-Apr-19 A		0
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
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
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
01000	Test & In-Service	10	100%	31-May-19 A	13-Jun-19 A		0
Distribution Upgrades at Barre Substation (SAP# 902360074)		350	70%	14-May-18 A	24-Jan-20	-39	0
Engineering		145	100%	14-May-18 A	10-Apr-19 A		0
Preliminary Engineering		20	100%	14-May-18 A	30-May-18 A		0
01030	Preliminary Engineering	20	100%	14-May-18 A	30-May-18 A		0
Final Engineering / Design		145	100%	04-Sep-18 A	10-Apr-19 A		0
01050	Final Engineering / Designs	34	100%	17-Dec-18 A	05-Feb-19 A		0
01045	Structural Engineering / Design	100	100%	04-Sep-18 A	05-Feb-19 A		0
01040	Civil Engineering / Design	47	100%	03-Dec-18 A	05-Feb-19 A		0
01035	Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19 A		0
01060	Qualitiy Assurance Review	23	100%	06-Feb-19 A	08-Mar-19 A		0
01255	Issue Structural Steel Package to CDM (SAP# 90230(	0	100%		28-Mar-19 A		0
01070	QA Corrections	25	100%	11-Mar-19 A	10-Apr-19 A		0
01065	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0
Procurement / Materials		198	100%	21-Nov-18 A	30-Aug-19 A		0
01100	RE to Submit Major Material Order (CB)	0	100%		21-Nov-18 A		0
01085	Issue PO for Circuit Breaker	0	100%		03-Dec-18 A		0
01115	CB Delivered	0	100%		30-Aug-19 A		0
01110	Procurement / Material Delivery	125	100%	03-Dec-18 A	30-Aug-19 A		0
Construction		154	35.06%	03-Jun-19 A	17-Jan-20	-39	0
01270	Summer Load and High Line Loading Period	100	60%	03-Jun-19 A	25-Oct-19	-39	0
01280	3A Bank in Position 10 Offline	0	0%		15-Nov-19	-39	0
01275	Outage Request	15	0%	28-Oct-19	15-Nov-19	-39	0
01078	Construction Start	0	0%	18-Nov-19		-39	0
01260	Install Structural Steel for 66kV Switchrack Position#	20	0%	18-Nov-19	13-Dec-19	-14	0
01165	Construction Finish	0	0%		17-Jan-20	-39	0
01075	Built and Test Position 11	45	0%	18-Nov-19	17-Jan-20	-39	0
Commissioning		5	0%	20-Jan-20	24-Jan-20	-39	0
01080	Test & In-Service	5	0%	20-Jan-20	24-Jan-20	-39	0
Interconnection Facilities at Barre Substation (SAP# 902360075)		388	75.52%	25-Jan-18 A	24-Jan-20	-39	0
Engineering		323	90.71%	25-Jan-18 A	25-Oct-19	-39	0
Preliminary Engineering		21	100%	25-Jan-18 A	30-Jan-18 A		0
01090	Preliminary Engineering	21	100%	25-Jan-18 A	30-Jan-18 A		0



Remaining Level of Effort | Actual Work | Critical Remaining Work
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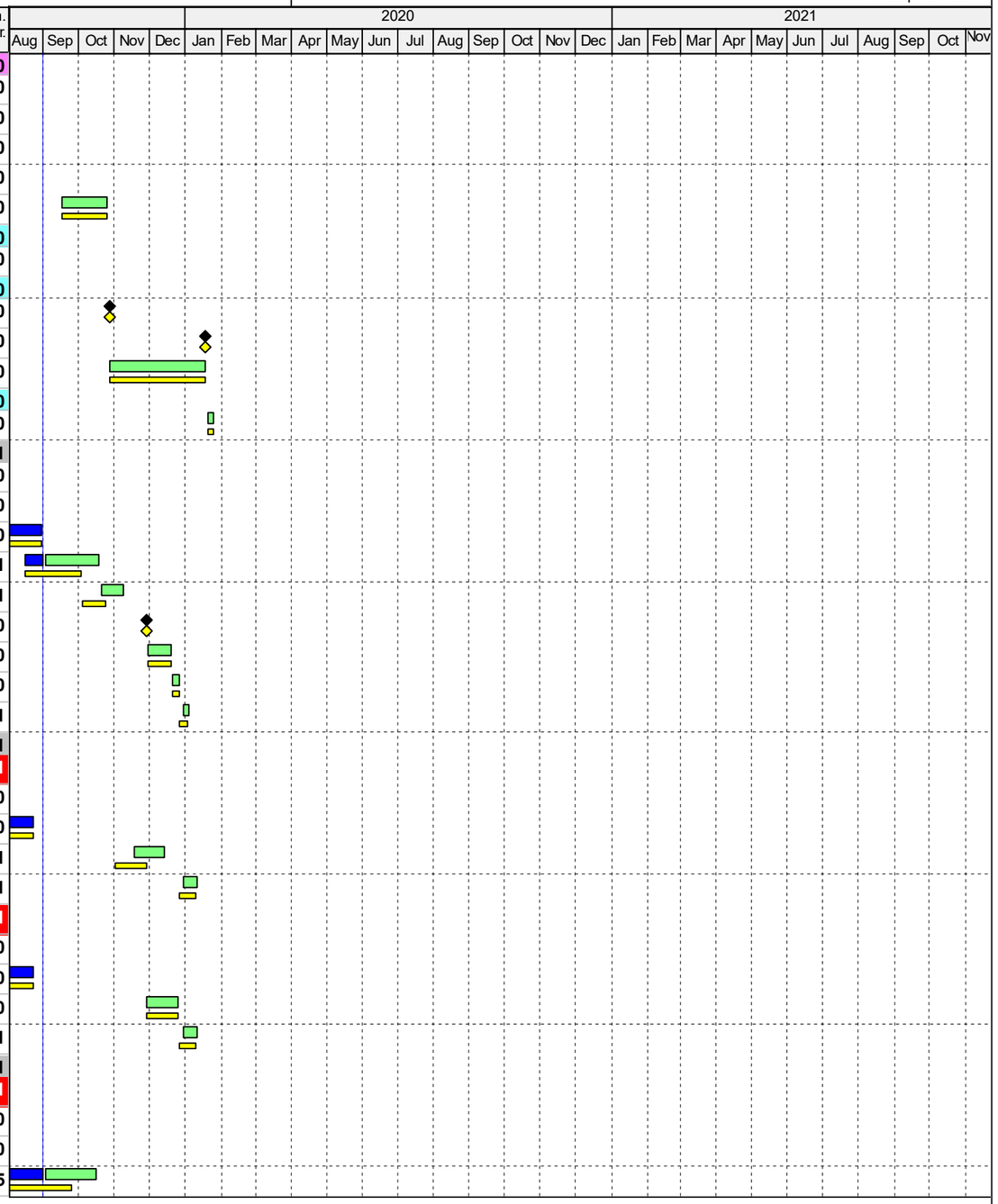
TASK filter: Not Level Of Effort.

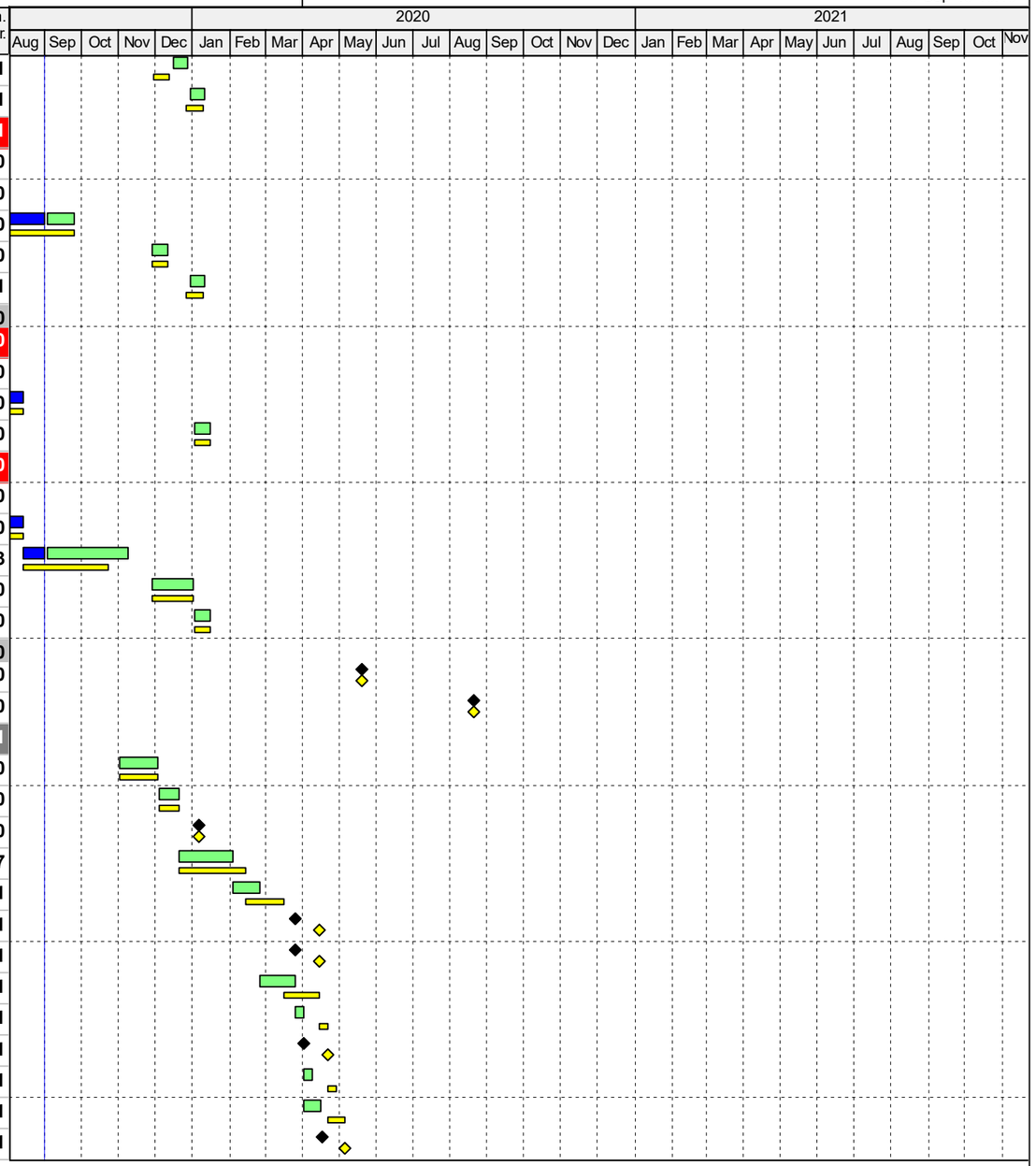
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
Final Engineering / Design		302	90.07%	04-Sep-18 A	25-Oct-19	-39	0
01105	Structural Engineering / Design	70	100%	04-Sep-18 A	05-Feb-19 A		0
01095	Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19 A		0
01125	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0
01120	Quality Assurance & QA Corrections	51	100%	06-Feb-19 A	10-Apr-19 A		0
01130	Relay Settings (OD43)	30	0%	16-Sep-19*	25-Oct-19	-39	0
Procurement / Materials		30	100%	15-Apr-19 A	15-Jul-19 A		0
01135	Procurement / Materials Delivery	30	100%	15-Apr-19 A	15-Jul-19 A		0
Construction		60	0%	28-Oct-19	17-Jan-20	-39	0
01140	Construction Start	0	0%	28-Oct-19		-39	0
01150	Construction Finish	0	0%		17-Jan-20	-39	0
01145	Construction Duration	60	0%	28-Oct-19	17-Jan-20	-39	0
Commissioning		5	0%	20-Jan-20	24-Jan-20	-39	0
01155	Test & In-Service	5	0%	20-Jan-20	24-Jan-20	-39	0
Sub Transmission / Gen-Tie		350	74.29%	02-Jul-18 A	03-Jan-20	-29	-1
01175	Preliminary Engineering	80	100%	02-Jul-18 A	02-Jan-19 A		0
01180	Final Engineering	72	100%	03-Jan-19 A	12-Apr-19 A		0
01185	Procurement & Material Delivery	81	100%	10-May-19 A	30-Aug-19 A		0
01200	Civil Bidding	35	0%	16-Aug-19 A	18-Oct-19	-29	-11
01265	Civil Work	15	0%	21-Oct-19	08-Nov-19	-29	-11
01285	Turnover Of Skip To SCE	0	0%		28-Nov-19*	-28	0
01190	Cable Installation Work	15	0%	29-Nov-19	19-Dec-19	-28	0
01290	Perform Terminations At Skip	5	0%	20-Dec-19	26-Dec-19	-28	0
01195	Testing/Commissioning	5	0%	30-Dec-19	03-Jan-20	-29	-1
TransTelecom		233	82.83%	20-Feb-19 A	10-Jan-20	-29	-1
Barre Substation		233	82.83%	20-Feb-19 A	10-Jan-20	-29	-1
01235	Designs / Engineering	72	100%	20-Feb-19 A	30-May-19 A		0
01240	Procurement & Materials Delivery	48	100%	18-Jun-19 A	22-Aug-19 A		0
01245	Trans Telecom Work at Barre Substation	20	0%	18-Nov-19	13-Dec-19	-29	-11
01250	Installation Testing	10	0%	30-Dec-19	10-Jan-20	-29	-1
Skip Substation		233	86.27%	20-Feb-19 A	10-Jan-20	-29	-1
9120	Designs / Engineering	72	100%	20-Feb-19 A	30-May-19 A		0
9125	Procurement & Materials Delivery	48	100%	18-Jun-19 A	22-Aug-19 A		0
9130	Trans Telecom Work at Skip Substation	20	0%	28-Nov-19*	25-Dec-19	-27	0
9135	Installation Testing	10	0%	30-Dec-19	10-Jan-20	-29	-1
IT/Telecom		293	57.58%	19-Nov-18 A	10-Jan-20	-29	-1
Barre Substation		293	57.58%	19-Nov-18 A	10-Jan-20	-29	-1
9020	Preliminary Engineering	60	100%	19-Nov-18 A	15-Feb-19 A		0
9025	Final Engineering	65	100%	18-Feb-19 A	21-May-19 A		0
9030	Procurement & Material Delivery	90	64.44%	22-May-19 A	15-Oct-19	14	-15



Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
9035	IT/Telecom Installation at Barre Substation	10	0%	16-Dec-19	27-Dec-19	-29	-11
9060	Installation Testing	10	0%	30-Dec-19	10-Jan-20	-29	-1
Skip Substation		293	57.58%	19-Nov-18 A	10-Jan-20	-29	-1
9070	Preliminary Engineering	60	100%	19-Nov-18 A	15-Feb-19 A		0
9075	Final Engineering	65	100%	18-Feb-19 A	21-May-19 A		0
9080	Procurement & Material Delivery	90	81.11%	22-May-19 A	24-Sep-19	14	0
9085	IT/Telecom Installation at Skip Substation	10	0%	28-Nov-19*	11-Dec-19	-32	0
9090	Installation Testing	10	0%	30-Dec-19	10-Jan-20	-29	-1
PSC		236	58.47%	20-Feb-19 A	15-Jan-20	-32	0
Barre Substation		236	95.76%	20-Feb-19 A	15-Jan-20	-32	0
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
9065	Test & In-Service	10	0%	02-Jan-20	15-Jan-20	-32	0
Skip Substation		236	58.47%	20-Feb-19 A	15-Jan-20	-32	0
9095	Preliminary Engineering	60	100%	20-Feb-19 A	14-May-19 A		0
9100	Final Engineering	65	100%	15-May-19 A	13-Aug-19 A		0
9105	Procurement & Material Delivery	50	0%	14-Aug-19 A	08-Nov-19	-19	-13
9110	PSC Installation at Skip Substation	25	0%	28-Nov-19	01-Jan-20	-32	0
9115	Test & In-Service	10	0%	02-Jan-20	15-Jan-20	-32	0
Project Closeout		66	0%	20-May-20	20-Aug-20	0	0
9015	Issue Authorization To Close (ATC)	0	0%		20-May-20*	0	0
9010	Work Order Close-Out Complete (FAOC)	0	0%		20-Aug-20*	0	0
BESS Construction Schedule		92	0%	01-Nov-19	17-Apr-20	275	11
BESS-2000	Construction (Foundations)	4	0%	01-Nov-19*	03-Dec-19	222	0
BESS-2010	Construction (Superstructure)	4	0%	04-Dec-19	20-Dec-19	222	0
BESS-2030	BESS Equipment Delivered To Site	0	0%		06-Jan-20*	237	0
BESS-2020	Equipment Installation	4	0%	20-Dec-19	03-Feb-20	222	7
BESS-2040	BESS Testing & Commissioning	4	0%	03-Feb-20	25-Feb-20	222	11
BESS-2060	ESS Substantial Completion Target	0	0%	25-Mar-20		222	11
BESS-2070	SCS Software Delivered	0	0%	25-Mar-20		222	11
BESS-2050	EGT Testing & Commissioning	4	0%	25-Feb-20	25-Mar-20	222	11
BESS-2080	EGT Comissioning and Trial Test Runs	4	0%	25-Mar-20	01-Apr-20	222	11
BESS-2090	EGT Substantial Completion Target (COD)	0	0%	01-Apr-20		222	11
BESS-2100	O&M Staff Training By GE	4	0%	01-Apr-20	09-Apr-20	275	11
BESS-2110	As Builts	4	0%	01-Apr-20	16-Apr-20	275	11
BESS-2120	Final Completion Target	0	0%	17-Apr-20		275	11



Attachment 2 – COM-5 Compliance Matrix

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											Pre- Construction						
2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
6	AQ	AQ-A1.a	COM/OPS	**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.	The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	When commissioning is complete	3/26/2020		Not Started				SCAQMD			SERC	DSR
7	AQ	AQ-A1.b	COM/OPS	**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 (AQ-SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started							SERC	DSR
8	AQ	AQ-A1.c	OPS	**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 this condition: D1, D7]	Maintain for a minimum of 5 years	N/A	N/A		Not Started							SERC	DSR
9	AQ	AQ-A2	OPS	**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 and shall make such records available to the SCAQMD Executive Officer upon request. 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; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall provide emissions summary data in compliance with his condition as part of the 4th Quarterly Operation reports (AQ-SC7)..	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started							SERC	DSR
10	AQ	AQ-A2.a		**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 and shall make such records available to the SCAQMD Executive Officer upon request. 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; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] [Devices subject to this condition: D1, D7]	Maintain for a minimum of 5 years	N/A	N/A		Not Started							SERC	DSR

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

All Phases | 6/30/2040

Pre- Construction
Construction
Commissioning
Operations

Revised 4/30/2019 | **Based on Final Staff Assessment**

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	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-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]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly	[redacted]	Not Started	[redacted]						SERC	DSR
AQ	AQ-A4	COM/OPS	**4.0 PPMV CO Limit Averaging -** The 4.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [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).	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
AQ	AQ-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]	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
AQ	AQ-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).	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
AQ	AQ-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]	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
AQ	AQ-A8	COM/OPS	**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, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan.	Monitoring Plan	Prior to the installation the project owner shall submit a monitoring plan to the CPM for review and approval.			Not Started							SERC	DSR
AQ	AQ-A8.a	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.	Install, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan. The project owner shall include exceedances of the hourly ammonia slip limit and calibration reports as part of the Quarterly Operation Reports (AQ-SC7).	The project owner shall include exceedances of the hourly ammonia slip limit and calibration reports as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
AQ	AQ-A8.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.	The project owner shall install and 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 described above or another alternative method approved by the Executive Officer.	Calibrate SCR inlet Nox analyzer	Once every 12 months	Annually		Not Started							SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											Pre- Construction						
2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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_2S 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_2S > 0.25 Grains per 100 SCF**	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ-SC7). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly	[redacted]	Not Started	[redacted]						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 Quarterly Operation Reports.	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.	The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD.	N/A	N/A		Not Started							SERC	DSR
22	AQ	AQ-C2	COM/OPS	**Shutdown Limitations -** Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	Provide records including a table documenting each shutdown, and indicating the duration and date of occurrence.	Monthly reports to be included in Quarterly Operation Reports. (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).	The project owner shall demonstrate compliance with this condition as part of the 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	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.	The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up.	N/A	N/A	N/A									SERC	DSR
26	AQ	AQ-D1a	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.	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 commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	Submit test protocol to District for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to Air District.	9/30/2020	[redacted]	Not Started	[redacted]			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.	Submit test protocol to CPM for approval.	Proposed source test protocol.	Notify CPM of proposed date and time 10 days prior to test date.	10/28/2019 2/5/2020		Not Started							SERC	DSR
29	AQ	AQ-D1d	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.	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	[redacted]	Not Started	[redacted]			SCAQMD			SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											Pre- Construction						
2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
30	AQ	AQ-D2	COM/OPS	**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	#VALUE!		Not Started							SERC	DSR
31	AQ	AQ-D2a	COM/OPS	**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.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to Notify CPM	3/19/2020		Not Started							SERC	DSR
32	AQ	AQ-D2b	COM/OPS	**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.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to Notify District	2/18/2021		Not Started				SCAQMD			SERC	DSR
33	AQ	AQ-D2c	COM/OPS	**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	Revised source test protocol (if proposed), test result report	Submit results 60 days after the test. Notify CPM	7/2/2020		Not Started							SERC	DSR
34	AQ	AQ-D2d	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and 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	Revised source test protocol (if proposed), test result report	Submit results 60 days after the test. Notify District	6/3/2021		Not Started				SCAQMD				
35	AQ	AQ-D2e	COM/OPS	**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.	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.	Notify CPM 10 days before the test of date and time. Test every three years.	5/3/2020		Not Started							SERC	DSR
36	AQ	AQ-D2f	COM/OPS	**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.	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.	Notify District 10 days before the test of date and time. Test every three years.	5/3/2020		Not Started				SCAQMD			SERC	DSR
37	AQ	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	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to CPM	4/4/2021		Not Started							SERC	DSR
38	AQ	AQ-D3b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	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	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to District	4/4/2021		Not Started				SCAQMD			SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
39	AQ	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 source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to CPM	7/18/2021		Not Started							SERC	DSR
40	AQ	AQ-D3d	COM/OPS	**NH3 Source Test -** Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to District	7/18/2021		Not Started				SCAQMD			SERC	DSR
41	AQ	AQ-D3e	COM/OPS	**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 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.	The SCAQMD shall be notified of the date and time of the test at least 10 days prior to the test.	The project owner shall notify the CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	5/19/2021		Not Started							SERC	DSR
42	AQ	AQ-D3f	COM/OPS	**NH3 Source Test -** Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	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.	The SCAQMD shall be notified of the date and time of the test at least 10 days prior to the test.	The project owner shall notify the District no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	5/19/2021		Not Started							SERC	DSR
43	AQ	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.	The test shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter.	N/A	N/A	Quarterly/Annual		Not Started							SERC	DSR
44	AQ	AQ-D4	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.	N/A	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved SCAQMD Rule 218 CEMS plan application.	12/12/2019		Not Started							SERC	DSR
45	AQ	AQ-D4a	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 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
46	AQ	AQ-D4b	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 initial certification testing shall be completed and submitted to the SCAQMD within 90 days of the conclusion of the turbine commissioning period.	CEMS Plan / Initial Certification	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/9/2020		Not Started							SERC	DSR
47	AQ	AQ-D5	COM/OPS	**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 CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved CEMS certification application submitted in compliance with 40 CFR Part 60 Subpart KKKK and 40 CFR Part 75. The project owner shall not install the CEMS prior to receiving initial approval from SCAQMD.	CEMS Plan	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine			Not Started							SERC	DSR

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4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
48	AQ	AQ-D5a	COM/OPS	**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.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	3/11/2020		Not Started							SERC	DSR
49	AQ	AQ-D5b	COM/OPS	**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
50	AQ	AQ-D6a	COM/OPS	**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).	Calibrate NH3 Meter The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Prior to first fire	2/5/2020		Not Started							SERC	DSR
51	AQ	AQ-D6b	COM/OPS	**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).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Documentation demonstrating compliance in Quarterly Operations Report, including table of shutdowns	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
52	AQ	AQ-D6c	COM/OPS	**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).	Calibrate NH3 Meter The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Once every 12 months	Annually		Not Started							SERC	DSR
53	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	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Prior to first fire	2/5/2020		Not Started							SERC	DSR
54	AQ	AQ-D7b	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).	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7), including table of shutdowns	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
55	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	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Once every 12 months	Annually		Not Started							SERC	DSR
56	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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
57	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 demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7), including table of shutdowns	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
58	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. The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	N/A	Once every 12 months	Annually		Not Started							SERC	DSR
59	AQ	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
60	AQ	AQ-E2	CONS	**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	Conditional		Not Started							SERC	TLB
61	AQ	AQ-E2a	CONS	**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
62	AQ	AQ-E3	COM/OPS	**Commissioning Hours** - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	The project owner shall submit all records including the total number of commissioning hours, number of commissioning hours without control, natural gas fuel usage for the pre-catalyst phase, and natural gas fuel usage for the post-catalyst phase per turbine to demonstrate compliance with this condition as part of the Quarterly Operational Report required in AQ-SC7.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
63	AQ	AQ-E3a	COM/OPS	**Commissioning Hours** - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	The project owner shall provide the SCAQMD with written notification of the initial startup date of each turbine.	The SCAQMD shall be notified in writing of the initial startup date of each turbine.	After first fire of each unit.	N/A		Not Started				SCAQMD			SERC	DSR

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
64	AQ	AQ-E3b	COM/OPS	**Commissioning Hours** - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	N/A		Not Started							SERC	DSR
65	AQ	AQ-E4	COM/OPS	**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: D1, D7]	The project owner shall submit to the CPM for approval all emissions and emission calculations to demonstrate compliance with this condition as part of the 4th quarter Quarterly Operational Report required in AQ-SC7.	Submit all emissions and emission calculations as part of the 4th Quarterly Operational Report (AQ-SC7).	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started							SERC	DSR
66	AQ	AQ-E5	COM/OPS	**Storage Tank, Aqueous Ammonia** - The project owner shall vent this equipment, during filling, only to the vessel from which it is being filled.	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	N/A		Not Started							SERC	DSR
67	AQ	AQ-F1	CONS/COM/ OPS	**Air Discharge Limits** - Except for open abrasive blasting 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 aggregating more than three minutes in any one hour which is: (a) As dark or darker in shade as that designated No. 1 on the Ringelmann chart, as published by the United States Bureau of Mines; or (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.	The project owner shall make the site available for inspection by representatives of the District, California Air Resources Board (ARB), the United States Environmental Protection Agency (U.S. EPA) and the California Energy Commission (Energy Commission).	NA	N/A	N/A		Not Started							SERC	DSR
68	AQ	AQ-H1	COM/OPS	**NOx CEMS Performance Evaluation -**The performance 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]. See **Decision** for rules for additional requirements	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	No later than 180 days after initial start-up	9/30/2020		Not Started							SERC	DSR
69	AQ	AQ-H2	COM/OPS	**Nox CEMS requirements** - The Nox CEMS shall comply with the requirements of conditions D82.2 (AQDS), 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	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
70	AQ	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
71	AQ	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

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
72	AQ	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.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.	Source test results to CPM	No later than 90 days following the source test date	6/9/2020		Not Started				SCAQMD			SERC	DSR
73	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.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.	Source test results to District	No later than 90 days following the source test date	6/9/2020		Not Started				SCAQMD			SERC	DSR
74	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 g/l of coating, 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	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	TLB
75	AQ	AQ-SC1	PC	**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.	Project owner shall submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates. The AQCMM and all delegates must be approved by the CPM and all AQCMM Delegates before the start of ground disturbance.	Resume of AQCMM & AQCMM Delegates	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018 Additional Delegates (03/27/2019)	Completed	11/6/2018 04/03/2019						SERC	GAL
76	AQ	AQ-SC2	PC	**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-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018	Completed	11/19/2018						SERC	GAL
77	AQ	AQ-SC3	CONS	**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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											Pre- Construction						
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
78	AQ	AQ-SC4	CONS	**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)	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
79	AQ	AQ-SC5	CONS	**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-SC5 for items A through F).	Include a table in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition.	MCR	Monthly, no later than 10 business days	Monthly			In Progress						SERC	GAL
80	AQ	AQ-SC6a	CONS/COM/ 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 any 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.	Submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	Air permit modifications (if needed)	Within 5 working days of proposing permit modification.	Conditional		Not Started							SERC	GAL
81	AQ	AQ-SC6b	CONS/COM/ OPS	Submit Modified Air Permit - See AQ-SC6a	Submit modified permit to CPM	Modified permit	Within 15 days of receipt	Conditional		Not Started							SERC	GAL
82	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							SERC	DSR
83	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-related activities shall commence until an approved Designated Biologist is available to be on site.	DB Resume	At least 75 days prior to the start of pre-construction site mobilization activities.	10/19/2018	9/27/2018	Completed	10/17/2018						JACOBS	GAL
84	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.	DB Resume	Notify CPM 10 working days in advance of replacing DB.	Conditional		Not Started							JACOBS	GAL

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85	BIO	BIO-2a	CONS	**Designated Biologist Duties** - The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biological Monitor(s) but remains the contact for the project owner and CPM. The Designated Biologist duties shall include the following: (See **Decision** for Items 1-10)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	Reports and summaries in the MCR and Annual Compliance Report.	Monthly/Annually	Monthly		In Progress								SERC	GAL
86	BIO	BIO-2b	OPS	**Designated Biologist Duties** - The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biological Monitor(s) but remains the contact for the project owner and CPM. The Designated Biologist duties shall include the following: (See **Decision** for Items 1-10)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	MCR's and ACR's	Monthly/Annually	Monthly		In Progress								SERC	GAL
87	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
88	BIO	BIO-3b	CONS/COM/ OPS	**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.	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
89	BIO	BIO-4a	CONS/COM/ 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
90	BIO	BIO-4b	CONS/COM/ 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.	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

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91	BIO	BIO-5a	PC	**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 USFWS and CDFW. The WEAP shall be administered to all onsite 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.	No less than 45 days prior to the start of any pre-construction site mobilization, the project owner shall provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program.	Draft WEAP	At least 45 days prior to the start of pre-construction site mobilization	11/18/2018	10/18/2018	Completed	12/13/2018						JACOBS	GAL
92	BIO	BIO-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
93	BIO	BIO-5c	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.	Training acknowledgement forms and issue hard hat stickers	Kept on file for six months after commercial operation begins	11/12/2020		In Progress							ARB	GAL
94	BIO	BIO-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.	Provide monthly compliance report of number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date	Monthly	Monthly		In Progress							ARB	GAL
95	BIO	BIO-5e	CONS/COM/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.	Provide annual WEAP training to permanent employees and WEAP training for new employees	Annually for permanent employees, training within 1 week for new employees	Conditional									SERC	DSR
96	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
97	BIO	BIO-6b	PC/CONS/OPS	**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
98	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.	Modifications to approved BRMIMP	Notify CPM no less than 5 working days before implementing the modificaitons	Conditional		Not Started							SERC	GAL
99	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

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100	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
101	BIO	BIO-7a	CONS	**General Impact Avoidance and Mitigation Measures** - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See **Decision** for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Monthly Compliance Report	Monthly	Monthly		In Progress							SERC	GAL
102	BIO	BIO-7b	CONS	**General Impact Avoidance and Mitigation Measures** - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See **Decision** for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Construction Closure Report (See BIO-6c)	Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	5/8/2020									JACOBS	GAL
103	BIO	BIO-8a1	PC/CONS	**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 pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. One survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	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 8/21/2019	In Progress	7/3/2019 7/11/2019 8/23/2019			CDFW, USFWS	1/22/2019		JACOBS	GAL
104	BIO	BIO-8a2	CONS	**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 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.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	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 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed				CDFW, USFWS			JACOBS	GAL
105	BIO	BIO-8b	CONS	**Preconstruction Nest Survey Letter Report** - (See **Decision** BIO-8a for specific guideline items)	Letter-report to CPM, CDFW, and USFWS describing the findings of the preconstruction nest surveys	Letter report of 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	N/A			CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL
106	BIO	BIO-8c	CONS	**Implementation of Nest Surveys and Inclusion in BRMIMP** - (See **Decision** BIO-8a for specific guideline items)	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
107	BIO	BIO-8d	CONS	**Monthly Reporting for Preconstruction Nest Surveys** - (See **Decision** BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by the Designated Biologist.	MCR	Monthly	Monthly		In Progress							JACOBS	GAL

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108	BIO	BIO-9a	CONS	**Jack and Bore Drilling Best Management Practices -** During construction using jack and bore drilling techniques 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 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
109	BIO	BIO-9b	CONS	**Jack and Bore Drilling Best Management Practices -** During construction using jack and bore drilling techniques 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 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 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
110	CIVIL	CIVIL-1a	PC/CONS	**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 CBC.	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.	Proposed drainage structures and grading plan	At least 15 days prior to the start of site grading	12/18/2018		Completed		1-1.1: 1/17/2019 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 1-1.2 5/24/19 PC3 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 1-1.10 2/8/19 PC2 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 1-1.4 6/14/19 PC3				SERC	TAT
111	CIVIL	CIVIL-1b	PC	**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
112	CIVIL	CIVIL-1c	PC	**Construction Stormwater Pollution Prevention 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.	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018		Completed		1/7/2019	2/6/2019				SERC	TAT
113	CIVIL	CIVIL-1d	PC	**Related Calculations and Specs Stamped by Civil Engineer -** See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Related Calculations 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	TAT
114	CIVIL	CIVIL-1e	PC	**Soils, Geotechnical, or Foundation Reports** - 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.	Soil, Geotechnical, or 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	TAT
115	CIVIL	CIVIL-1f	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
116	CIVIL	CIVIL-2a	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 submit modified plans, specifications, and calculations to the CBO based on these new conditions.	Submit modified plans, specifications, and calculations to CBO	when unforseen adverse soil or geologic conditions are identified by RE	Conditional				Conditional					SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											Pre- Construction						
2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
117	CIVIL	CIVIL-2b	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 notify the CPM within 24 hours when earthwork and construction is 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
118	CIVIL	CIVIL-2c	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.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval	Copy of CBO's approval letter to CPM	Within 24 hours of the CBO's approval to resume work	Conditional		Not Started							SERC	GAL
119	CIVIL	CIVIL-3a	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.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CBO and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional				conditional					SERC	TLB/TAT
120	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.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CPM and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Not Started							SERC	TLB/TAT
121	CIVIL	CIVIL-3c	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.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	Conditional				conditional					SERC	TLB/TAT
122	CIVIL	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.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CPM	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	Conditional		Not Started		conditional					SERC	TLB/TAT

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

All Phases

6/30/2040

Pre- Construction
Construction
Commissioning
Operations

Revised 4/30/2019

Based on Final Staff Assessment

	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	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
123	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.	A list of NCRs for the reporting month shall also be included in the following monthly compliance report.	MCR	Monthly	Monthly		In Progress							SERC	TLB
124	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.	CBO's approval of final erosion and sedimentation control and drainage work.	Final grading and drainage plans with engineer's signed statement (See **Decision** wording).	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work (or CBO-approved alternative time frame)	5/1/2020		In Progress							POWER	TAT
125	CIVIL	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.	CBO's approval of final erosion and sedimentation control and drainage work.	Project owner shall submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	Monthly	9/14/2018	Completed	10/19/2018						SERC	GAL
126	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 any time, whether such visits are by the CPM in person or through representatives from Energy Commission staff, delegated agencies, or consultants.	NA	Life of the project	Conditional		In Progress							SERC	TLB
127	COM	COM-10	PC/CONS/COM/OPS	**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.	A project owner is required to submit a $5,000 dollar fee for every petition to amend a previously certified facility, pursuant to Public Resources Code section 25806(e). If the actual amendment processing costs exceed $5,000.00, the total Petition to Amend reimbursement 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/filing_fees.html.	Petition to amend, fees	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						SERC	PZC
128	COM	COM-11	PC/CONS/COM/OPS	**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).	The project owner shall respond to all recorded complaints within 24 hours or the next business day. The project owner shall post the telephone number onsite and make it easily visible to passersby during construction, operation, and closure. The project owner shall provide the contact	Reports of complaints	Within 5 business days of complaint receipt, and MCR, ACR, or PCR.	Conditional	12/17/2018	Completed	1/17/2019						SERC	GAL
129	COM	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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											Pre- Construction						
2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
130	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
131	COM	COM-13a	CONS/COM/OPS	**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).	In case of forced outage, fire suppression; chemical, gas, or hazmat release; odorous material release; emergency response incident.	Detailed Incident Report	Within 6 business days of the incident	Conditional		Not Started							SERC	GAL
132	COM	COM-13b	CONS/COM/OPS	**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).	After the initial 6-day report, the project owner shall start submitting monthly status reports; within 48-hours of a request by the CPM, the project owner shall submit a status report. Status reports shall include the activities already taken, and those currently being taken, to remedy the impacts of the incident. The CPM will determine when reporting is	monthly status reports	monthly after incident	Conditional		Not Started							SERC	GAL
133	COM	COM-14	OPS	**Non-Operation and Repair/Restoration Plan** -No later 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
134	COM	COM-15	OPS	**Facility Closure Planning** -No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039									SERC	DSR
135	COM	COM-2	PC/CONS/COM/OPS	**Compliance Record** - The project owner shall maintain electronic copies of all project files and submittals on-site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final Decision: Petitions. Amendments	NA	Life of the project	Ongoing		In Progress							SERC	TLB
136	COM	COM-3	PC/CONS/COM/OPS	**Compliance Verification Submittals** - Verification lead times associated with the start of construction may require the project owner to file submittals during AFC or amendment processing, particularly if construction is 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 submittals and correspondence pertaining to compliance matters. (See **Decision** COM-3 for additional specifications).	Verification submittals	Life of the project	Ongoing		In Progress							SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
137	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 comes first, and shall be submitted in a format similar to the description below (See **Decision** COM-4 for specifications).	Site mobilization and construction activities shall not start until the following have occurred: 1. the project owner has submitted the pre-construction matrix and all compliance verifications pertaining to pre-construction conditions of certification;	Pre-construction matrix and pre-construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018	(Ref Only)					SERC	GAL
138	COM	COM-4b	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)					SERC	GAL
139	COM	COM-5a	PC/CONS/OPS	**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
140	COM	COM-5b	PC/CONS/OPS	**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
141	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.	MCR	Monthly, within 10 business days after the end of each reporting month.	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19	In Progress		5/15/19 5/15/19 5/15/19 6/17/19 7/17/19 8/14/19					SERC	GAL
142	COM	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
143	COM	COM-8	PC/CONS/COM/OPS	**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
144	COM	COM-9	PC/CONS/COM/OPS	**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.	The initial payment is due on the date the Energy Commission dockets its Final Decision. All subsequent payments are due by July 1 of each year in which the facility retains its certification.	Annual Compliance Fee due 7/1 annually: See http://www.energy.ca.gov/siting/filing_fees.html	6/1/2020	Ongoing	11/8/2018 6/6/2019	In Progress	11/9/2018						SERC	GAL

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

All Phases

6/30/2040

Pre- Construction
Construction
Commissioning
Operations

Revised 4/30/2019

Based on Final Staff Assessment

	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	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
145	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 qualifications and duties). (CUL-1 Section D.1)	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							JACOBS	GAL
146	CUL	CUL-1b	CONS	**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.	Resume, references, and contact information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Not Started							JACOBS	GAL
147	CUL	CUL-1c	PC	**Cultural Resources Monitors and Specialists** - See Cul-1a (CUL-1 Section D.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 12/7/18 2/24/19 6/20/2019 7/12/19 8/26/19	Completed	12/3/2018 4/29/19 7/18/2019						JACOBS	GAL
148	CUL	CUL-1d	PC	**Native American Monitors** - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	Communication with CPM documenting efforts to obtain services of a qualified NAM	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
149	CUL	CUL-1e	PC/CONS	**Additional Cultural Resources and Native American monitors** - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for additional CRMS or NAMs as needed.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the CRMs or NAMS beginning on-site duties	Conditional		In Progress							JACOBS	GAL
150	CUL	CUL-1f	PC/CONS	**Additional Cultural Resources Specialists** - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for cultural resources specialists.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the specialists beginning on-site duties	Conditional	3/6/2019 4/26/2019 8/12/2019	In Progress	3/11/2019 4/29/2019 8/22/2019						JACOBS	GAL
151	CUL	CUL-1g	PC	**New technical specialist** - See Cul-1a - (CUL-1 Section D.6)	Owner must submit resume(s) of any technical specialist to CPM for review and approval	Submit resume(s) to CPM	At least 10 days prior to technical specialist beginning task	Conditional		Not Started							JACOBS	GAL
152	CUL	CUL-1h	PC	**Availability of CRS** - See Cul-1a - (CUL-1 Section D.7)	Owner must confirm in writing that the approved CRS will be available for onsite work and will implement the cultural resources conditions.	Submit letter confirming the availability of the CRS.	At least 10 days before the start of construction related ground disturbance	12/23/2018	1/8/2019	Completed	1/8/2019						JACOBS	GAL
153	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 alternatives unless such activites are approved by the CPM	Receive approval letter from CPM	No ground disturbance shall occur without approval	Conditional									JACOBS	GAL
154	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 CPM.	Submit to request to the CPM to discharge the CRS	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions	5/1/2020		Not Started							JACOBS	GAL
155	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.	At least 40 days prior to the start of construction-related ground disturbance, provide the AFC, data responses, confidential cultural resources documents, and the Energy Commission FSA to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities.	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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
156	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
157	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.	At least 15 days prior to the start of each phase of a phased project, the project owner shall submit the appropriate maps and drawings, if not previously provided, to the CRS and CPM.	Maps and drawings	At least 15 days prior to the start of a construction phase	Conditional		In Progress							JACOBS	GAL
158	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
159	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				[redacted]					ARB	GAL
160	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.	Documents, maps and drawings	Within 10 days of the approval of the new CRS	Conditional									JACOBS	GAL
161	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.	Upon approval of the CRS proposed by the project owner, the CPM will provide to the project 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 CRMMP to the CPM for review and approval.	Draft CRMMP	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018						JACOBS	GAL
162	CUL	CUL-3b	PC	**Agreement to Pay Curation Fees** - See CUL-3a	At least 30 days prior to the start of ground disturbance, in a letter to the CPM, agree to pay curation fees for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	Letter confirming agreement to pay curation fees	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/18/2018						JACOBS	GAL
163	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.	Provide a copy of a written agreement with a qualified curation facility.	Written agreement with curation facility	90 days after completion of ground disturbance (including landscaping)	4/1/2020		Not Started							JACOBS	GAL

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

All Phases | 6/30/2040

Pre- Construction
Construction
Commissioning
Operations

Revised 4/30/2019 | **Based on Final Staff Assessment**

	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	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
164	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
165	CUL	CUL-4b	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 90 days of the completion of ground disturbance (completed project)	8/21/2020		Not Started							JACOBS	GAL
166	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.	Cultural Resource Report	Within 10 days after approval of CRR	Conditional		Not Started							JACOBS	GAL
167	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** CUL-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
168	CUL	CUL-5b	PC	**WEAP training/Training Acknowledgement Form** -See Condition CUL-5a	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	N/A	Completed							ARB	GAL
169	CUL	CUL-5c	CONS/COM/OPS	**WEAP Training Records in MCR** - See Condition CUL-5a	Provide in the MCR the WEAP Training Acknowledgement forms of the workers who have comleted training in the prior month.	Training Acknowledgement forms for prior month in MCR and running total of all persons who have completed the training.	Monthly until ground disturbance is completed	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19	In Progress							SERC	GAL
170	CUL	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	N/A	Completed							JACOBS	GAL
171	CUL	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 an electronic copy of a form to be used as a daily monitoring log and information to be included in the cover sheet for the daily monitoring logs.	Daily monitoring log form and specifications	At least 30 days before the start of ground disturbance.	12/3/2018	N/A	Completed							JACOBS	GAL
172	CUL	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
173	CUL	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		Not Started							JACOBS	GAL

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
174	CUL	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
175	CUL	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.	Map of artifact finds (if more than 50 artifacts found or as requested by the CPM)	Within two business days after the end of the week	Conditional		Not Started							JACOBS	GAL
176	CUL	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.	Within 15 days of receiving a request from a Native American group that a NAM be employed	Conditional		Not Started							JACOBS	GAL
177	CUL	CUL-6h	CONS/COM	**Cultural Resources Monitoring, Monthly Reports** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Monthly, while monitoring occurs	Monthly		In Progress							JACOBS	GAL
178	CUL	CUL-6i	CONS/COM	**Cultural Resources Monitoring, Monthly Reports** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Weekly, while monitoring occurs	Weekly		In Progress							SERC	GAL
179	CUL	CUL-6j	CONS/COM	**Cultural Resources Monitoring, Final Updated DPR Forms** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	For sites for which artifacts are collected month after month, final updated DPR forms may be submitted at the completion of monitoring	Final updated DPR forms	At completion of monitoring	Conditional		Not Started							JACOBS	GAL
180	CUL	CUL-6k	CONS/COM	**Cultural Resources Monitoring, Change in Monitoring Level** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for a change in the monitoring level.	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
181	CUL	CUL-6l	CONS/COM	**Cultural Resources Monitoring, Change in Daily Reporting** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Letter or e-mail with justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	Conditional		Not Started							JACOBS	GAL
182	CUL	CUL-6m	CONS/COM	**Cultural Resources Monitoring, Comments of Native Americans** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of comments or information provided by Native Americans	Within 15 days of receiving comments from Native Americans	Conditional	2/5/2019 2/15/2019	Completed	N/A						JACOBS	GAL

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183	CUL	CUL-7a	PC	**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 (or 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 includes human remains, the project owner shall comply with 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 shall remain in effect until the CRS has visited the discovery, and all of the following have occurred: (See **Decision** for specifications 1-5).	At least 30 days prior to the start 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.	Letter of confirmation 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
184	CUL	CUL-7b	CONS/COM	**DPR-523 Forms** (See **Decision** CUL-7 for specifications).	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.	Forms DPR 523	No later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	Conditional		Not Started							JACOBS	GAL
185	CUL	CUL-7c	CONS/COM	**Inform Native American Groups** (See **Decision** CUL-7 for specifications).	The project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of a discovery of interest to Native Americans, and the CRS must inform the CPM when the notifications are complete.	Letter to Native Americans and notification to CPM when notifications are complete	Within 48 hours of the discovery of a resource of interest to Native Americans	Conditional		Not Started							JACOBS	GAL
186	CUL	CUL-7d	CONS/COM	**Provide Reports and Records to Native American Groups** (See **Decision** CUL-7 for specifications).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the 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.	Copies of transmittal letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started							JACOBS	GAL
187	CUL	CUL-7e	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.	Copies of Native American comments and information in response to owner transmittals of information.	Within 15 days of receiving comments from Native Americans	Conditional		Not started							JACOBS	GAL

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
188	CUL	CUL-8a	CONS	**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.	The owner shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Completed	3/29/2018							JACOBS	GAL
189	CUL	CUL-8b	CONS	**Fill Soils, Cultural Resources Survey** - In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non-commercial borrow/ disposal site	3/29/2019	3/29/2019	Completed	3/29/2019							JACOBS	GAL
190	ELEC	ELEC-1a	CONS	**Electrical Systems Design Plans and Specifications** - Prior to the start of any increment of electrical construction for all electrical equipment and systems 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, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See **Decision** ELEC-1 for specifications)	The project owner shall submit to 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 the next monthly compliance report.	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 1-7.0: 3/20/19 1-8.0: 6/3/19 1-9.0: 1-10.0: 4/16/19 1-11.0 1-12.0: 6/3/19 1-13.0 8/14/19 PCF				SERC	TAT
191	ELEC	ELEC-1b	CONS/COM	**Electrical Systems Design Plans and Specifications** - Prior to the start of any increment of electrical construction for all electrical equipment and systems 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, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See **Decision** ELEC-1 for specifications)	The project owner shall submit to 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 the next monthly compliance report.	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	Monthly		In Progress		3/13/19 4/11/19 5/14/19 6/14/19 7/17/19					SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
192	GEN	GEN-1a	CONS/COM	**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.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	Statement of verification signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	8/20/2020		Not started						POWER	TAT
193	GEN	GEN-1b	CONS/COM	**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.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	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
194	GEN	GEN-1c	OPS	**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.	Once certificate of occupancy has been issued, the project owner 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.	Notice of construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Inform the CPM within 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Conditional		Not Started						SERC	DSR

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
195	GEN	GEN-2a	PC	**Schedule of Drawings, Master Drawings, Specification 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 this condition (See **Decision** GEN-2). The schedule shall contain the date of each submittal to the CBO. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request.	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 drawings 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
196	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
197	GEN	GEN-3a	PC/CONS/COM	**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.	The project owner shall make the 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
198	GEN	GEN-3b	PC/CONS/COM	**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.	The project owner shall make the 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
199	GEN	GEN-4a	PC	**Resident Engineer** - Prior to the start of rough grading, assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The RE or his/her delegate(s) shall be responsible for the elements listed in this condition (see **Decision** GEN-4).	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	12/3/2018	1/18/2019	Completed	N/A	Power: 12/24/2018 Jacobs: 12/24/2018 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NVS: 3/4/2019				SERC	TAT
200	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 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NVS: 3/4/2019				SERC	TAT
201	GEN	GEN-4c	PC/CONS	**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
202	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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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
203	GEN	GEN-5a	PC	**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.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	At least 30 days prior to the start of rough grading	12/3/2018		Completed		Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
204	GEN	GEN-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 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
205	GEN	GEN-5c	PC	**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.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for responsible design engineer, mechanical engineer, and electrical engineer	At least 30 days prior to the start of construction	1/5/2019		Completed		Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
206	GEN	GEN-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 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
207	GEN	GEN-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
208	GEN	GEN-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
209	GEN	GEN-6a	CONS	**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				PC1: 1/16/19 PC2: 1/28/19 6-1.1.0 8/15/19 6-2.1.6 8/16/19	PC1: 1/17/19 PC2: 1/29/19 6-1.1.0 8/16/19				ARB	TLB
210	GEN	GEN-6aa	CONS	**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.	Copy to the CPM the names and qualifications of certified special inspectors to the submitted to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing										TLB
211	GEN	GEN-6b	CONS	**Approval of Inspectors** - See GEN-6a	Submit a copy of the CBO's approval of inspectors	Submit copies of CBO approvals in the MCR	Monthly	Monthly		In Progress		PC1: 1/16/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB
212	GEN	GEN-6c	CONS	**Reassignment of Inspectors** - See GEN-6a	Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	Names and qualifications of certified special inspectors to the CBO for approval	Within 5 days of re-assignment	Conditional		Not Started								TLB
213	GEN	GEN-6d	CONS	**Approval of Replacement Inspectors** -See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional		Not Started							ARB	TLB

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214	GEN	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
215	GEN	GEN-7b	CONS/COM	**Notification of Correction Disapproval** - See GEN-7a	If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Notify CPM and provide revised corrective action	Within 5 days of CBO disapproval of corrective action	Conditional		Not Started							SERC	GAL
216	GEN	GEN-8a	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.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Submit 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 plans.	Within 15 days of the completion of any work	Conditional		In Progress							SERC	GAL
217	GEN	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.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Copy to the **CPM** of 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 plans.	Monthly as completed	Monthly		In Progress								
218	GEN	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 .	Letter stating both that the documents have been stored and the storage location of those documents.	After storage is in place	Conditional		Not started							SERC	GAL
219	GEN	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 restricted (password-protected) printing privileges, on archive quality compact discs.	Within 90 days of the completion of construction	8/21/2020		Not Started							SERC	TAT

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
220	GEO	GEO-1a	PC	**Soils Engineering Report** - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time 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 required to sign and seal the Soils Engineering Report.	The project owner shall include in 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 comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the Soils Engineering Report, application for grading permit to CBO for comments	90 days before grading	11/3/2018		Completed		1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				NV5	TAT
221	GEO	GEO-1b	PC	**Soils Engineering Report** - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time 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 required to sign and seal the Soils Engineering Report.	The project owner shall include in 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 comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the Soils Engineering Report, application for grading permit, and CBO comments to CPM	60 days before grading	12/3/2018	11/2/2018	Completed	11/26/2018	1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				SERC	GAL
222	HAZ	HAZ-1	OPS	**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 project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous Materials Business Plan's list of hazardous materials and quantities contained at the facility.	Submit Hazardous Materials Business Plan in the Annual Compliance Report.	Annual Compliance Report	12/31/2020		Not Started							SERC	DSR
223	HAZ	HAZ-2a	CONS	**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.	HMBP and SPCC to CPM for review	At least 30 days before receiving hazardous materials on site	7/20/2019	8/2/2019	In Progress		1-1.0 8/6/19 PC1 2-3.0 8/6/19 PC1					SERC	DSR
224	HAZ	HAZ-2aa	CONS	**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.	HMBP and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site							OCEHD	8/2/2019			

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225	HAZ	HAZ-2b	CONS	**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.	Final RMP to Certified Unified Program Agency (the Orange County Environmental Health Division)	At least 30 days before any hazardous material	7/29/2019	8/2/2019	In Progress				OCEHD			SERC	DSR
226	HAZ	HAZ-2c	CONS	**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.	Final RMP to CPM for approval	At least 30 days before aqueous ammonia on site	10/20/2019	8/2/2019	In Progress		(Ref Only)					SERC	DSR
227	HAZ	HAZ-2c	CONS	**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.	Final RMP to CUPA for information	At least 30 days before aqueous ammonia on site	10/20/2019				(Ref Only)						
228	HAZ	HAZ-3	CONS/COM	**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.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	10/20/2019		Not started							SERC	DSR
229	HAZ	HAZ-3a	CONS/COM	**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.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility					(Ref Only)					SERC	DSR
230	HAZ	HAZ-4	CONS	**Ammonia Storage Tank Design** - The aqueous ammonia 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.	The project owner shall submit 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)	Final design drawings for the ammonia storage and transfer facility	At least 30 days before construction of the ammonia storage and transfer facility	10/20/2019	3/15/2019 4/29/2019 (CBO approval transmitted to CPM)	Completed	4/30/2019	3/14/2019 (reference only)	4/29/2019				POWER	GAL

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231	HAZ	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.	The project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	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	Not Started							SERC	GAL
232	HAZ	HAZ-6a	CONS	**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.	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to the hazardous materials vendor to the CPM for review and approval.	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	In Progress	8/20/2019	(Ref Only)		GE Prolec	8/7/2019	8/7/2019	SERC	GAL
233	HAZ	HAZ-6b	CONS/OPS	**Route Restrictions, New Vendor** - See HAZ-6a	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to any newly 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)	10/20/2019		Not Started		(Ref Only)					SERC	GAL
234	HAZ	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
235	HAZ	HAZ-8a	CONS/OPS	**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.	Operations Security Plan	At least 30 days prior to the initial receipt of hazardous materials on site	7/20/2019	4/30/2019 (Castle Spike Topper Only) 8/9/2019	In Progress	5/16/2019 (Castle Spike Topper Only) 8/9/2019						SERC	GAL
236	HAZ	HAZ-8b	OPS	**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.	Project Owner shall include signed 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 security plan in Annual Compliance Report. Project Owner shall include a signed statement similar to Attachment C that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations	Signed statements similar to Attachment A, Attachment B, and Attachment C	Annual Compliance Report	12/31/2020		Not Started							SERC	GAL

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237	HAZ	HAZ-9	CONS/OPS	**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.	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NFPA 56, 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.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	1/11/2020		Not started						SERC	DSR
238	MECH	MECH-1a	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)	The project owner shall submit to the CBO for design review and approval the final plans, 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.	Final plans, 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 list	Ongoing		In Progress		1.1 : 2/8/2019 1.2: 2/8/19 1.3: 2/11/19 1.4: 3/1/19 1.5:4/4/19 1.6: 6/10/19 1.6 6/29/19 1.7 6/20/19 1-4.0 5/31/19 1-6.0 6/10/19 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 1.7 7/16/19 PCF 1-4.0 6/19/19 PCF 1-6.0 619/19 PC1				Power	TAT
239	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)	The project owner shall submit to the CBO for design review and approval the final plans, 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.	Send the CPM a copy of the transmittal letter in the next monthly compliance report.	Monthly Compliance Report (one time)	Monthly		Not Started		1.2: 2/8/2019	1.2: 2/8/19				SERC	GAL
240	MECH	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		1.3: 2/11//19	1.3: 2/11/19				SERC	GAL
241	MECH	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).	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.	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		Not Started		1.4: 3/1/19	1.4: 3/1/19				Power	TAT

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
242	MECH	MECH-2aa	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).	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.	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		Not Started								
243	MECH	MECH-2b	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).	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.	Design documents to CBO with copy of transmittal to CPM	Monthly Compliance Report (one time)	Monthly		Not Started							SERC	GAL
244	MECH	MECH-2c	CONS	**CBO and Cal-OSHA Inspections and Approvals, Pressure Vessels, MCR** - See MECH-2a	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 and/or Cal-OSHA inspection approvals.	Letters documenting CBO and Cal-OSHA inspection approvals in MCR	Monthly	Monthly		Not Started							SERC	GAL
245	MECH	MECH-3a	PC/CONS	**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 project owner shall submit to 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 3-1.1 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 3-2.3 6/25/19 PC1 3-2.4 4/1/19 PC1 3-2.5 4/4/19 PC1 Cisco SPM ?					SERC	JBM
246	MECH	MECH-3b	PC/CONS	**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 project owner shall submit to 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 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		Not started							SERC	JBM
247	NOISE	NOISE-1a	PC	**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 manager, stating that the notification to residents within one mile of the project has been performed, and describing the method of that notification.	Public notice to residents	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018						JACOBS	GAL

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248	NOISE	NOISE-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.	Confirmation of that the telephone number has been established and posted at the site.	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/21/2018						SERC	GAL
249	NOISE	NOISE-2a	CONS/COM/OPS	**Noise Complaint Process** - Throughout the construction and the full term of operation, including facility closure, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. See **Decision** NOISE-2 for specifications.	File with the CPM a Noise Complaint Resolution Form that documents the resolution of the complaint.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	Completed	4/9/2019						SERC	GAL
250	NOISE	NOISE-2b	CONS/COM/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.	Updated Noise Resolution Complaint Form	When the mitigation is implemented	Conditional		Not Started							SERC	GAL
251	NOISE	NOISE-3	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.	At least 30 days prior to the start of ground disturbance, submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	Noise Control Program	At least 30 days prior to the start of ground disturbance	12/3/2018	11/20/2018	Completed	1/3/2019	1/15/2019 (Ref Only)	1/18/2019				SERC	GAL
252	NOISE	NOISE-4a	COM/OPS	**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	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
253	NOISE	NOISE-4b	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 above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey	Within 15 days after the survey	5/1/2020		Not Started							Innova	DSR
254	NOISE	NOISE-4c	COM/OPS	**Revised Noise Survey Summary** - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owner shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	Conditional		Not Started							Innova	DSR
255	NOISE	NOISE-5	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.	Noise Survey Report	Within 30 days after completing each survey	4/12/2020		Not Started		(Ref Only)					Innova	DSR
256	NOISE	NOISE-6	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.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction work associated with this project.	Statement acknowledging restrictions	Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019	1/22/2019 (Ref Only)	1/24/2019				SERC	GAL

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257	NOISE	NOISE-7a	CONS	**Pile Driving Technique** - The project owner shall perform pile driving in a manner to reduce the potential for any project-related noise and vibration complaints. The project owner shall notify the residents in the vicinity of pile driving prior to start of pile driving activities.	The project owner shall submit to the CPM a description of the pile driving technique to be employed, including calculations showing its projected noise impacts at monitoring location LT1.	Description of the pile driving technique to be used	At least 15 days prior to first pile driving	Conditional		Not Started		(Ref Only)					SERC	GAF
258	NOISE	NOISE-7b	CONS	**Notify Residents, Pile Driving** - See NOISE-7a	The project owner shall notify the residents within one mile of the pile driving. In this notification, the project owner shall state that it will perform this activity in a manner to reduce the potential for any project-related noise and vibration 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.	Notification to residents within one mile of the project with copy to CPM	At least 10 days prior to first pile driving	Conditional		Not Started		(Ref Only)					JACOBS	GAL
259	PAL	PAL-1a	PC	**Paleontological Resources Specialist** - Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Specialist (PRS) shall meet the minimum qualifications described in this condition (See **Decision** PAL-1 for specifications).	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability to CPM	At least 60 days prior to the start of ground disturbance	11/3/2018	10/18/2018	Completed	10/18/2018						JACOBS	GAL
260	PAL	PAL-1b	PC	**Paleontological Resources Monitors** - Ensure that the 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	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018 7/9/2019	Completed	11/9/2018						JACOBS	GAL
261	PAL	PAL-1c	PC/CONS	**Certify additional PRMs** (See PAL-1)	PRS shall provide additional letters and resumes to the CPM if needed.	PRM Resumes & Quals	No later than one week before beginning site duties.	Conditional	6/14/2019 6/17/2019(Campbell) 7/9/2019 (Serrano) 8/20/19 9/3/2019	In Progress	6/17/2019 6/17/2019 (Campbell) 7/11/2019 (Serrano) 8/20/19						JACOBS	GAL
262	PAL	PAL-1d	PC/CONS	**Replacement PRS** (See PAL-1)	Prior to any change of the PRS, project owner shall submit resume of proposed new PRS to CPM for review and approval	PRM Resumes & Quals	No time specified.	Conditional	2/27/2019	Completed	2/27/2019						JACOBS	GAL
263	PAL	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.	At least 30 days prior to the start of ground disturbance, provide the maps and drawings to the PRS and CPM.	Maps and drawings	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/21/2018						JACOBS	GAL
264	PAL	PAL-2b	PC	**Revised Maps and Drawings** - If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	Maps and drawings	At least 15 days prior to the start of ground disturbance	Conditional		Completed							JACOBS	GAL
265	PAL	PAL-2c	PC/CONS	**Schedule Changes** - Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the scheduling of the construction phases, submit a letter to the CPM within 5 days of identifying the changes.	Schedule information	Within 5 days of identifying the changes	Conditional		Not Started							SERC	GAL
266	PAL	PAL-3a	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.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	PRMMP	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	1/14/2019						JACOBS	GAL

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267	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.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	CPM Approval of PRMMP	Prior to ground disturbance	1/19/2019	11/1/2018	Completed	1/14/2019							SERC	GAL
268	PAL	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 project owner shall submit to the CPM for review and comment the draft WEAP, including the brochure and sticker. The submittal shall also include a draft training script and the set of reporting procedures for workers to follow.	Draft WEAP, brochure, sticker, script, and procedures.	At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018							JACOBS	GAL
269	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.	Final WEAP materials	At least 15 days before ground disturbance	2/3/2019	1/10/2019	Completed	1/17/2019						JACOBS	GAL
270	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.	Names of trainees in MCR, number of personnel trained during the reporting period, and total number of personnel trained to date.	Monthly	Monthly		In Progress							ARB	GAL
271	PAL	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.	Resume and qualifications of WEAP trainer	Before installation of the alternate trainer	Conditional		Not started							ARB	GAL
272	PAL	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)	A copy of the daily monitoring log of paleontological resource activities shall be included in the monthly compliance report (MCR).	Daily monitoring log and summary of monitoring activities with MCR	Monthly	Monthly		In Progress							JACOBS	GAL
273	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 PRMMP, 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.	Notification of proposed change in monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Not started							JACOBS	GAL

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274	PAL	PAL-7	CONS/COM/OPS	**Paleontological Resources Report** - The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.	The project owner shall submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground-disturbing activities, including landscaping	8/21/2020		Not started							JACOBS	GAL
275	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.	Within 60 days after the submittal of the PRR, the project owner shall submit documentation to the CPM identifying the entity that will be responsible for curating collected specimens. This documentation shall also show that fees have been paid for curation and the owner relinquishes control and ownership of all fossil material.	Documentation of the entity responsible for curation and that curation fees have been paid	Within 60 days of submittal of the PRR	11/4/2020		Not Started							JACOBS	GAL
276	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 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.	The project owner shall provide to the compliance project manager (CPM) proof that the delegate chief building official (DCBO) has calculated the assessable covered and enclosed space consistent with local practices and shall provide proof of payment of the development fees, based on the calculated space and current school development fees, to the Magnolia Elementary School District and to the Anaheim Union High School District.	Payment / Proof of payment of the development fees	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	12/5/2018	1/7/2019	1/10/2019				SERC	GAL
277	S&W	SOIL & WATER-1a	PC	**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 project owner shall submit to the CPM proof that the construction permit was granted and that a waste discharge identification number (WDID) was issued by the State Water Resources Control Board (SWRCB).	Proof that 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
278	S&W	SOIL & WATER-1b	PC	**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
279	S&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

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280	S&W	SOIL & WATER-2a	PC	**Stormwater Management Plan/WQMP** - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, 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.	The project owner shall provide a 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
281	S&W	SOIL & WATER-2b	PC	**Orange County Public Works Department Review of WQMP** - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18	(Ref Only)					SERC	GAF
282	S&W	SOIL & WATER-2c	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		(Ref Only)					SERC	GAL
283	S&W	SOIL & WATER-3a	PC/CONS	**Hydrostatic and Dewatering Water Discharge Permit Requirements** - Prior to initiation of discharge to surface water from hydrostatic testing water or groundwater from dewatering, the project owner shall 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 non-compliance.	The project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the SARWQCB or SWRCB at least 30 days prior to construction.	Documentation that 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
284	S&W	SOIL & WATER-3b	PC	**NPDES Plans and Permits** - See SOIL&WATER-3a	The project owner shall submit to the CPM a copy of the relevant plans and permits received.	Plans and permits	Thirty days (30) prior to project construction	12/3/2018	12/6/2018	Completed	12/11/2018	(Ref Only)					SERC	GAL
285	S&W	SOIL & WATER-3c	PC/CONS/OPS	**Correspondence with SWRCB** - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB regarding NPDES permits in the annual compliance report.	Copies of correspondence	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	GAL
286	S&W	SOIL & WATER-4a	CONS	**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 acre-feet. 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.	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.	Summary of daily water use	Monthly Compliance Report	Monthly		In progress		(Ref Only)					ARB	GAL
287	S&W	SOIL & WATER-4b	COM/OPS	**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 acre-feet. 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.	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		In Progress		(Ref Only)					SERC	DSR
288	S&W	SOIL & WATER-5a	PC/CONS/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in 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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											Pre- Construction						
2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
289	S&W	SOIL & WATER-5b	PC/CONS/COM/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in 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.	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
290	S&W	SOIL & WATER-5c	COM/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in 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.	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.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR	Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR
291	S&W	SOIL & WATER-5d	COM/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in 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.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Fees paid to Golden State Water Company shall be reported in the Annual Compliance Report (ACR)	Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR
292	S&W	SOIL & WATER-6a	PC/CONS	**Sewer Connections** - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	The owner shall provide the CPM documentation indicating that the city has accepted the project's connections to the sewer system.	Documentation that the City accepts the SERC's sewer connection.	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
293	S&W	SOIL & WATER-6b	CONS/COM/OPS	**Sewer Connections** - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Fees paid to the city shall be reported in the ACR.	Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR
294	S&W	SOIL & WATER-6c	CONS/COM/OPS	**Sewer Connections** - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Monthly and annual summary of waste water discharge.	Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR
295	S&W	SOIL & WATER-7	PC/CONS	**Jack and Bore Permits** - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project 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,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Not started	6/19/2019	(Ref Only)					SoCalGas	GAL
296	S&W	SOIL & WATER-8a	PC	**Bridge Encroachment Permits** - The project owner shall obtain an encroachment permit for the construction of the vehicle and utility bridges from the Orange County Public Works Department in accordance with Orange County Code – Title 9, Division 2, Article 2, Sections 9-2-40 and 9-2-50. The project owner shall pay all necessary fees to Orange County Public Works Department for compliance with the permit review and approval process. The project owner shall submit the encroachment permit application package to Orange County Public Works Department and the CPM for review and approval prior to construction. The project owner shall also provide a copy of the approved permit to the CPM.	The project owner shall provide a copy of the application package for the encroachment permit and any comments from Orange County Public Works Department to the CPM for review and approval.	Application for encroachment permit and OCPWD comments	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
297	S&W	SOIL & WATER-8b	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.	Copy of final approved 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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
298	STRUC	STRUC-1a	PC/CONS	**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).	The project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the 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 7.0: 2/14/2019 8.0: 2/14/2019 9.0: 2/21/2019 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 11.0:5/13/19 12.0: 5/13/2019 13.0: 2/20/2019 14.0: 15.0: 5/31/19 16.0: 5/6/19 17.0: 5/13/19 18.0: 5/31/19 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 27.0: 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 4.0: 2/6/2019 5.0: 6.0: 2/7/2019 7.0: 3/28/2019 8.0: 2/12/2019 9.0: 3/22/2019 10.0: 2/28/2019 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 19.0: 20.0: 5/23/19 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 26.0: 5/31/19 27.0: 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 10.0:5/22/19 11.0: 5/16/19 12.0: 5/29/19 13.0: 3/11/2019 15.0: 7/17/19 16.0: 7/22/19 17.0: 7/11/19 18.0: 6/18/19 19.0: 20.0: 7/23/19 21.0: 6/7/19 22.0: 23.0: 7/11/19 24.0: 7/3/19 PC2 25.0: 26.0: 27.0:				Power	GAL
299	STRUC	STRUC-1b	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.	Statement from CBO	Monthly	Monthly		In Progress		Monthly					SERC	GAL
300	STRUC	STRUC-1c	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 Compliance Report list of approved plans, specifications, and calculations	Monthly	Monthly		In Progress		Monthly					SERC	GAL
301	STRUC	STRUC-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).	If a discrepancy is discovered in any of the above data, the project owner shall prepare and submit a Non-Compliance Report (NCR) describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section.	NCR describing the discrepancy and corrective action, and transmittal letter	Within five days of discovering a discrepancy	Conditional		Not Started							SERC	GAL
302	STRUC	STRUC-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
303	STRUC	STRUC-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								
304	STRUC	STRUC-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	CBO approval or disapproval of corrective action	Within 15 days of the resolution of the NCR	Conditional		Not Started							SERC	GAL
305	STRUC	STRUC-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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											Pre- Construction						
2	**All Phases**							6/30/2040				Construction						
3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
306	STRUC	STRUC-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.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO	Schedule suitable to the CBO	6/30/2019		Not Started							SERC	GAL
307	STRUC	STRUC-3aa	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.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO and **transmittal to CPM**	Schedule suitable to the CBO	6/30/2019		Not Started							SERC	GAL
308	STRUC	STRUC-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.	Notification of CBO Plan approval in MCR	Monthly	Monthly		In Progress							SERC	GAL
309	STRUC	STRUC-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.	The project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, specifications, and calculations	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	10/20/2019									SERC	TAT
310	STRUC	STRUC-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.	Copies of CBO approvals in MCR	Monthly	Monthly		In Progress							SERC	GAL
311	TLSN	TLSN-1	CONS	**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.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming that the line will be constructed according to the requirements stated in the condition.	Letter affirming construction in accordance with requirements	At least 30 days prior to start of construction of the transmission line or related structures and facilities	6/1/2019	3/15/2019	Completed	4/4/2019	3/15/2019 (Ref Only)	3/18/2019					SCE	GAL
312	TLSN	TLSN-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
313	TRANS	TRANS-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 project owner shall identify the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly		In Progress		(Ref Only)					ARB	GAL
314	TRANS	TRANS-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	Ongoing		In Progress		(Ref Only)					SERC	TLB

Attachment 3 – Air Quality

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Memorandum

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Subject	**Stanton Energy Reliability Center (16-AFC-1C)** **Air Quality Monthly Compliance Report** **August 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	August 5, 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) in August 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

During construction in August 2019, 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 and demolition activities. Signs have been posted at the two 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. The daily field checklists for fugitive dust control and the sweeping logs are provided in Attachment A and 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

[a]Site 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 August 2019. 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 site in August 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
CASE	580 SN - BackHoe	BX3T54
CAT	Rough Terrain Forklift	SF7A56
CAT	259D Skid Steer Loader	NG3U86
Cummins	6K Reach Forklift	RS6W99
Deere	210l Skip Loader	WK9J63
Genie	Forklift - Variable Reach	KT3V94
Genie	5K Reach Fork	JW5N58
JCB	507-42	RV7M68
JLG	60' Boom Lift	LR7P73
Xtreme	XR1255 Forklift	VC6G63
Xtreme	XR2045 Forklift	TF6J89
Xtreme	XR2045 Forklift	VT6H48

Attachment B 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 project

site. Attachment B also contains the AQ-SC5 daily field checklists for off-road diesel engines and letters from the equipment owners indicating the equipment has been properly maintained.

Attachment A
Documentation of AQ-SC3 Compliance

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

AQCMM or Delegate name: MikeMalsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.01 17:17:47 -07'00'

Date: 8/1/2019

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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.02 16:45:18 -07'00'

Date: 8/2/2019

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

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.08.05 16:08:30 -07'00'

Date: August 5, 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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	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 wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.**

ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.06 16:59:51 -07'00'

Date: 8/6/2019

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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.07 15:36:15 -07'00'

Date: 8/7/2019

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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.08 18:50:24 -07'00'

Date: 8/8/2019

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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.12 17:30:27 -07'00'

Date: 8/9/2019

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

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ADDITIONAL NOTES:

Site was inspected on 8/9/2019. Form was not completed until 8/12/2019.

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.12 17:33:47 -07'00'

Date: 8/12/2019

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

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.13 17:04:55 -07'00'

Date: 8/13/2019

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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.14 17:19:15 -07'00'

Date: 8/14/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.19 17:27:11 -07'00'

Date: 8/15/2019

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

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

ADDITIONAL NOTES:

Site was inspected but not documented until 8/19/2019.

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.09.04 10:36:15 -07'00'

Date: 8/16/2019

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

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ADDITIONAL NOTES:

Had to recreate report. Site was walked down by Mike Malsy 8/16/2019.

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

AQCMM or Delegate name: MikeMalsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.19 17:33:13 -07'00'

Date: 8/19/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.09.05 17:02:00 -07'00'

Date: 8/20/2019

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

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

ADDITIONAL NOTES:

Walk through performed by Jon Kimble. Issues with computer and did not save updated file.

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.08.28 13:25:30 -07'00'

Date: August 22, 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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	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 wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.**

ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.28 07:40:47 -07'00'

Date: 8/23/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.28 07:31:09 -07'00'

Date: 8/26/2019

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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.28 07:29:23 -07'00'

Date: 8/27/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.29 19:01:47 -07'00'

Date: 8/28/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.29 19:03:48 -07'00'

Date: 8/29/2019

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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	Repaired silt fencing
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: MikeMalsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.31 20:58:59 -07'00'

Date: 8/30/2019

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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

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

Sweeping Log

Month/Year: ~~July~~ 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-1-19	700				—		
8-1-19	715				—		
8-1-19	730				—		
8-1-19	745				—		
8-1-19	800				—		
8-1-19	815				—		
8-1-19	830				—		
8-1-19	845				—		
8-1-19	900				—		
8-1-19	915				—		
8-1-19	930				—		
8-1-19	945				—		
8-1-19	1000				—		
8-1-19	1015				—		
8-1-19	1030				—		
8-1-19	1045				—		
8-1-19	1100				—		

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

Sweeping Log

Month/Year: ~~Aug~~ 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8·1·19	1115				—		
8·1·19	1130				—		
8·1·19	1210				—		
8·1·19	1230				—		
8·1·19	1245				—		
8·1·19	100				—		
8·1·19	115				—		
8·1·19	130				—		
8·1·19	145				—		
8·1·19	200				—		
8·1·19	215				—		
8·1·19	230				—		
8·1·19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-2-19	700				—		
8-2-19	715				—		
8-2-19	730				—		
8-2-19	745				—		
8-2-19	800				—		
8-2-19	815				—		
8-2-19	830				—		
8-2-19	845				—		
8-2-19	900				—		
8-2-19	915				—		
8-2-19	930				—		
8-2-19	945				—		
8-2-19	1000				—		
8-2-19	1015				—		
8-2-19	1030				—		
8-2-19	1045				—		
8-2-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-2-19	1115				—		
8-2-19	1130				—		
8-2-19	1210				—		
8-2-19	1230				—		
8-2-19	1245				—		
8-2-19	100				—		
8-2-19	115				—		
8-2-19	130				—		
8-2-19	145				—		
8-2-19	200				—		
8-2-19	215				—		
8-2-19	230				—		
8-2-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-5-19	700				—		
8-5-19	715				—		
8-5-19	730				—		
8-5-19	745				—		
8-5-19	800				—		
8-5-19	815				—		
8-5-19	830				—		
8-5-19	845				—		
8-5-19	900				—		
8-5-19	915				—		
8-5-19	930				—		
8-5-19	945				—		
8-5-19	1000				—		
8-5-19	1015				—		
8-5-19	1030				—		
8-5-19	1045				—		
8-5-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-5-19	1115				—		
8-5-19	1130				—		
8-5-19	1210				—		
8-5-19	1230				—		
8-5-19	1245				—		
8-5-19	100				—		
8-5-19	115				—		
8-5-19	130				—		
8-5-19	145				—		
8-5-19	200				—		
8-5-19	215				—		
8-5-19	230				—		
8-5-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8.6.19	700				—		
8.6.19	715				—		
8.6.19	730				—		
8.6.19	745				—		
8.6.19	800				—		
8.6.19	815				—		
8.6.19	830				—		
8.6.19	845				—		
8.6.19	900				—		
8.6.19	915				—		
8.6.19	930				—		
8.6.19	945				—		
8.6.19	1000				—		
8.6.19	1015				—		
8.6.19	1030				—		
8.6.19	1045				—		
8.6.19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-6-19	1115				—		
8-6-19	1130				—		
8-6-19	1210				—		
8-6-19	1230				—		
8-6-19	1245				—		
8-6-19	105				—		
8-6-19	115				—		
8-6-19	130				—		
8-6-19	145				—		
8-6-19	200				—		
8-6-19	215				—		
8-6-19	230				—		
8-6-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-7-19	700				—		
8-7-19	715				—		
8-7-19	730				—		
8-7-19	745				—		
8-7-19	800				—		
8-7-19	815				—		
8-7-19	830				—		
8-7-19	845				—		
8-7-19	900				—		
8-7-19	915				—		
8-7-19	930				—		
8-7-19	945				—		
8-7-19	1000				—		
8-7-19	1015				—		
8-7-19	1030				—		
8-7-19	1045				—		
8-7-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-7-19	1115				—		
8-7-19	1130				—		
8-7-19	1210				—		
8-7-19	1230				—		
8-7-19	1245				—		
8-7-19	100				—		
8-7-19	115				—		
8-7-19	130				—		
8-7-19	145				—		
8-7-19	200				—		
8-7-19	215				—		
8-7-19	230				—		
8-7-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-8-19	700				—		
8-8-19	715				—		
8-8-19	730				—		
8-8-19	745				—		
8-8-19	800				—		
8-8-19	815				—		
8-8-19	845				—		
8-8-19	900				—		
8-8-19	915				—		
8-8-19	930				—		
8-8-19	945				—		
8-8-19	1000				—		
8-8-19	1015				—		
8-8-19	1030				—		
8-8-19	1045				—		
8-8-19	1100				—		
8-8-19	1115				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-8-19	1130				—		
8-8-19	1215				—		
8-8-19	1230				—		
8-8-19	1245				—		
8-8-19	100				—		
8-8-19	115				—		
8-8-19	130				—		
8-8-19	145				—		
8-8-19	200				—		
8-8-19	215				—		
8-8-19	230				—		
8-8-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-9-19	700				—		
8-9-19	715				—		
8-9-19	730				—		
8-9-19	745				—		
8-9-19	800				—		
8-9-19	815				—		
8-9-19	830				—		
8-9-19	845				—		
8-9-19	900				—		
8-9-19	915				—		
8-9-19	930				—		
8-9-19	945				—		
8-9-19	1000				—		
8-9-19	1015				—		
8-9-19	1030				—		
8-9-19	1045				—		
8-9-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-9-19	1115				—		
8-9-19	1130				—		
8-9-19	1215				—		
8-9-19	1230				—		
8-9-19	1245				—		
8-9-19	100				—		
8-9-19	115				—		
8-9-19	130				—		
8-9-19	145				—		
8-9-19	200				—		
8-9-19	215				—		
8-9-19	230				—		
8-9-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-12-19	700				—		
8-12-19	715				—		
8-12-19	730				—		
8-12-19	745				—		
8-12-19	800				—		
8-12-19	815				—		
8-12-19	830				—		
8-12-19	845				—		
8-12-19	900				—		
8-12-19	915				—		
8-12-19	930				—		
8-12-19	945				—		
8-12-19	1000				—		
8-12-19	1015				—		
8-12-19	1030				—		
8-12-19	1045				—		
8-12-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-12-19	1115				—		
8-12-19	1130				—		
8-12-19	1215				—		
8-12-19	1230				—		
8-12-19	1245				—		
8-12-19	100				—		
8-12-19	115				—		
8-12-19	130				—		
8-12-19	145				—		
8-12-19	200				—		
8-12-19	215				—		
8-12-19	230				—		
8-12-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-13-19	700				—		
8-13-19	715				—		
8-13-19	730				—		
8-13-19	745				—		
8-13-19	800				—		
8-13-19	815				—		
8-13-19	830				—		
8-13-19	845				—		
8-13-19	900				—		
8-13-19	915				—		
8-13-19	930				—		
8-13-19	945				—		
8-13-19	1000				—		
8-13-19	1015				—		
8-13-19	1030				—		
8-13-19	1045				—		
8-13-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-13-19	1115				—		
8-13-19	1130				—		
8-13-19	1215				—		
8-13-19	1230				—		
8-13-19	1245				—		
8-13-19	100				—		
8-13-19	115				—		
8-13-19	130				—		
8-13-19	145				—		
8-13-19	200				—		
8-13-19	215				—		
8-13-19	230				—		
8-13-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8.14.19	700				—		
8.14.19	715				—		
8.14.19	730				—		
8.14.19	745				—		
8.14.19	800				—		
8.14.19	815				—		
8.14.19	830				—		
8.14.19	845				—		
8.14.19	900				—		
8.14.19	915				—		
8.14.19	930				—		
8.14.19	945				—		
8.14.19	1000				—		
8.14.19	1015				—		
8.14.19	1030				—		
8.14.19	1045				—		
8.14.19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-14-19	1115				—		
8-14-19	1130				—		
8-14-19	1215				—		
8-14-19	1230				—		
8-14-19	1245				—		
8-14-19	100				—		
8-14-19	115				—		
8-14-19	130				—		
8-14-19	145				—		
8-14-19	200				—		
8-14-19	215				—		
8/14-19	230				—		
8-14-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-15-19	700				—		
8-15-19	715				—		
8-15-19	730				—		
8-15-19	745				—		
8-15-19	800				—		
8-15-19	815				—		
8-15-19	830				—		
8-15-19	845				—		
8-15-19	900				—		
8-15-19	915				—		
8-15-19	930				—		
8-15-19	945				—		
8-15-19	1000				—		
8-15-19	1015				—		
8-15-19	1030				—		
8-15-19	1045				—		
8-15-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8·15·19	1115				—		
8·15·19	1130				—		
8·15·19	1215				—		
8·15·19	1230				—		
8·15·19	1245				—		
8·15·19	100				—		
8·15·19	115				—		
8·15·19	130				—		
8·15·19	145				—		
8·15·19	200				—		
8·15·19	215				—		
8·15·19	230				—		
8·15·19	245				—		

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

Sweeping Log

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-16-19	700				—		
8-16-19	715				—		
8-16-19	730				—		
8-16-19	745				—		
8-16-19	800				—		
8-16-19	815				—		
8-16-19	830				—		
8-16-19	845				—		
8-16-19	900				—		
8-16-19	915				—		
8-16-19	930				—		
8-16-19	945				—		
8-16-19	1000				—		
8-16-19	1015				—		
8-16-19	1030				—		
8-16-19	1045				—		
8-16-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-16-19	1115				—		
8-16-19	1130				—		
8-16-19	1215				—		
8-16-19	1230				—		
8-16-19	1245				—		
8-16-19	100				—		
8-16-19	115				—		
8-16-19	130				—		
8-16-19	145				—		
8-16-19	200				—		
8-16-19	215				—		
8-16-19	230				—		
8-16-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-19-19	700				—		
8-19-19	715				—		
8-19-19	730				—		
8-19-19	745				—		
8-19-19	800				—		
8-19-19	815				—		
8-19-19	830				—		
8-19-19	845				—		
8-19-19	900				—		
8-19-19	915				—		
8-19-19	930				—		
8-19-19	945				—		
8-19-19	1000				—		
8-19-19	1015				—		
8-19-19	1030				—		
8-19-19	1045				—		
8-19-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-19-19	1115				—		
8-19-19	1130				—		
8-19-19	1215				—		
8-19-19	1230				—		
8-19-19	1245				—		
8-19-19	100				—		
8-19-19	115				—		
8-19-19	130				—		
8-19-19	145				—		
8-19-19	200				—		
8-19-19	215				—		
8-19-19	230				—		
8-19-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-20-19	700				—		
8-20-19	715				—		
8-20-19	730				—		
8-20-19	745				—		
8-20-19	800				—		
8-20-19	815				—		
8-20-19	830				—		
8-20-19	845				—		
8-20-19	900				—		
8-20-19	915				—		
8-20-19	930				—		
8-20-19	945				—		
8-20-19	1000				—		
8-20-19	1015				—		
8-20-19	1030				—		
8-20-19	1045				—		
8-20-19	1100						

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-20-19	1115				—		
8-20-19	1130				—		
8-20-19	1215				—		
8-20-19	1230				—		
8-20-19	1245				—		
8-20-19	100				—		
8-20-19	115				—		
8-20-19	130				—		
8-20-19	145				—		
8-20-19	200				—		
8-20-19	215				—		
8-20-19	230				—		
8-20-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-21-19	700						
8-21-19	715						
8-21-19	730						
8-21-19	745						
8-21-19	800						
8-21-19	815						
8-21-19	830						
8-21-19	845						
8-21-19	900						
8-21-19	915						
8-21-19	930						
8-21-19	945						
8-21-19	1000						
8-21-19	1015						
8-21-19	1030						
8-21-19	1045						
8-21-19	1100						

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8.21.19	1115				—		
8.21.19	1130				—		
8.21.19	1215				—		
8.21.19	1230				—		
8.21.19	1245				—		
8.21.19	100				—		
8.21.19	115				—		
8.21.19	130				—		
8.21.19	145				—		
8.21.19	200				—		
8.21.19	215				—		
8.21.19	230				—		
8.21.19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-22-19	700				—		
8-22-19	715				—		
8-22-19	730				—		
8-22-19	745				—		
8-22-19	800				—		
8-22-19	815				—		
8-22-19	830				—		
8-22-19	845				—		
8-22-19	900				—		
8-22-19	915				—		
8-22-19	930				—		
8-22-19	948				—		
8-22-19	1000				—		
8-22-19	1015				—		
8-22-19	1030				—		
8-22-19	1045				—		
8-22-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-22-19	1115				—		
8-22-19	1130				—		
8-22-19	1215				—		
8-22-19	1230				—		
8-22-19	1245				—		
8-22-19	100				—		
8-22-19	115				—		
8-22-19	130				—		
8-22-19	145				—		
8-22-19	200				—		
8-22-19	215				—		
8-22-19	230				—		
8-22-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-23-19	700				—		
8-23-19	715				—		
8-23-19	730				—		
8-23-19	745				—		
8-23-19	800				—		
8-23-19	815				—		
8-23-19	830				—		
8-23-19	845				—		
8-23-19	900				—		
8-23-19	915				—		
8-23-19	930				—		
8-23-19	945				—		
8-23-19	1000				—		
8-23-19	1015				—		
8-23-19	1030				—		
8-23-19	1045				—		
8-23-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-23-19	1115				—		
8-23-19	1130				—		
8-23-19	1215				—		
8-23-19	1230				—		
8-23-19	1245				—		
8-23-19	100				—		
8-23-19	115				—		
8-23-19	130				—		
8-23-19	145				—		
8-23-19	200				—		
8-23-19	215				—		
8-23-19	245				—		
8-23-19	230				—		
8-23-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-26-19	700				—		
8-26-19	715				—		
8-26-19	730				—		
8-26-19	745				—		
8-26-19	800				—		
8-26-19	815				—		
8-26-19	830				—		
8-26-19	845				—		
8-26-19	900				—		
8-26-19	915				—		
8-26-19	930				—		
8-26-19	945				—		
8-26-19	1000				—		
8-26-19	1015				—		
8-26-19	1030				—		
8-26-19	1045				—		
8-26-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8.26.19	1115				—		
8.26.19	1130				—		
8.26.19	1215				—		
8.26.19	1230				—		
8.26.19	1245				—		
8.26.19	100				—		
8.26.19	115				—		
8.26.19	130				—		
8.26.19	145				—		
8.26.19	200				—		
8.26.19	215				—		
8.26.19	230				—		
8.26.19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-27-19	700				—		
8-27-19	715				—		
8-27-19	730				—		
8-27-19	745				—		
8-27-19	800				—		
8-27-19	815				—		
8-27-19	830				—		
8-27-19	845				—		
8-27-19	900				—		
8-27-19	915				—		
8-27-19	930				—		
8-27-19	945				—		
8-27-19	1000				—		
8-27-19	1015				—		
8-27-19	1030				—		
8-27-19	1045				—		
8-27-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-27-19	1115				—		
8-27-19	1130				—		
8-27-19	1215				—		
8-27-19	1230				—		
8-27-19	1245				—		
8-27-19	100				—		
8-27-19	115				—		
8-27-19	130				—		
8-27-19	145				—		
8-27-19	200				—		
8-27-19	215				—		
8-27-19	230				—		
8-27-19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-28-19	700				—		
8-28-19	715				—		
8-28-19	730				—		
8-28-19	745				—		
8-28-19	800				—		
8-28-19	815				—		
8-28-19	830				—		
8-28-19	845				—		
8-28-19	900				—		
8-28-19	915				—		
8-28-19	930				—		
8-28-19	945				—		
8-28-19	1000				—		
8-28-19	1015				—		
8-28-19	1030				—		
8-28-19	1045				—		
8-28-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8.28.19	1115				—		
8.28.19	1130				—		
8.28.19	1215				—		
8.28.19	1230				—		
8.28.19	1245				—		
8.28.19	100				—		
8.28.19	115				—		
8.28.19	130				—		
8.28.19	145				—		
8.28.19	200				—		
8.28.19	215				—		
8.28.19	230				—		
8.28.19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-29-19	700				—		
8-29-19	715				—		
8-29-19	730				—		
8-29-19	745				—		
8-29-19	800				—		
8-29-19	815				—		
8-29-19	830				—		
8-29-19	845				—		
8-29-19	900				—		
8-29-19	915				—		
8-29-19	930				—		
8-29-19	945				—		
8-29-19	1000				—		
8-29-19	1015				—		
8-29-19	1030				—		
8-29-19	1045				—		
8-29-19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8.29.19	1115				—		
8.29.19	1130				—		
8.29.19	1215				—		
8.29.19	1230				—		
8.29.19	1245				—		
8.29.19	105				—		
8.29.19	115				—		
8.29.19	130				—		
8.29.19	145				—		
8.29.19	200				—		
8.29.19	215				—		
8.29.19	230				—		
8.29.19	245				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8.30.19	700				—		
8.30.19	715				—		
8.30.19	730				—		
8.30.19	745				—		
8.30.19	800				—		
8.30.19	815				—		
8.30.19	830				—		
8.30.19	845				—		
8.30.19	900				—		
8.30.19	915				—		
8.30.19	930				—		
8.30.19	945				—		
8.30.19	1000				—		
8.30.19	1015				—		
8.30.19	1030				—		
8.30.19	1045				—		
8.30.19	1100				—		

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

Sweeping Log

Month/Year: Aug 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8.30.19	1115				—		
8.30.19	1130				—		
8.30.19	1215				—		
8.30.19	1230				—		
8.30.19	1245				—		
8.30.19	100				—		
8.30.19	115				—		
8.30.19	130				—		
8.30.19	145				—		
8.30.19	200				—		
8.30.19	215				—		
8.30.19	230				—		
8.30.19	245				—		
8/31/19	11:15AM				X	J. Trujillo	
[redacted]							

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

Sweeping Log

Month/Year: AUGUST 19		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
8-1-19	1:35 pm			✓	✓	Richard Lund	
8-2-19	1:25 pm			✓	✓		
8-5-19	1:40 pm			✓	✓		
8-6-19	1:45 pm			✓	✓		
8-7-19	1:25 pm			✓	✓		
8-8-19	2:05 pm			✓	✓		
8-12-19	1:25 pm			✓	✓		
8-13-19	1:45 pm			✓	✓		
8-15-19	1:48 pm			✓	✓		
8-19-19	1:35 pm			✓	✓		
8-20-19	1:45 pm			✓	✓		
8-23-19	1:49 pm			✓	✓		
8-26-19	1:30 pm			✓	✓		
8-28-19	2:00 pm			✓	✓		
8-29-19	1:35 pm			✓	✓		

Appendix B
Documentation of AQ-SC5 Compliance

SERC Offroad Diesel Equipment Inventory August 2019

				Equipment						Engine										
Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier	Engine Certification on File	Compliance Tag	Notes
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	Isuzu	JCEXL04.5AAJ	BR-4J1x	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	onsite	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	DPKXL04.4MI1	C4.4	NA	2013	C7N11131	156.9	4I	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	ECR235I - 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	4I	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	4I	u-r-001-0409	Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB$.5	4.5	2014	73617640	130	4I	u-r-002-0586	Green Tag issued on 3/22/2019	Will only be on site for a few days while SERC ID: SERC_012 is offsite for repairs
3/21/2019	onsite	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	
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/22/2019	Formerly SERC_012 (was removedon 3/19 for repairs and returned on 3/22)
3/28/2019	4/25/2019	LG4L96	SERC_017	Genie	Aerial Lift	2001	50845	United Rentals	Newtron	Deutz AG	DDZXL02.9021	D2.9L4	2.925	2014	11511469	49	T4	u-r-013-0443	Green Tag Issued on 4/1/2019	
4/5/2019	Onsite	JW5N58	SERC_018	Genie	5K Reach Fork	2015	10366180	United Rentals	Newtron	Deutz AG	FDZXl02.9020	TD2.9L4	2.9	2015	h	74	4	u-r-013-0496	Green Tag issued on 4/11/2019	
4/10/2019	4/23/2019	BG8T73	SERC_019	John Deere	JD650JLTDozer	2009	T0650JX172684	Savala Equipment Rentals	Ortiz	John Deere	8JDXL06.8105	4045HT057		2008	PE4045L068083	115	3	u-r-004-0313	Yellow Tag issued on 4/11/2019	
4/26/2019	5/15/2019	BS9V43	SERC_020	John Deere	JD550K XLT Dozer	2015	1T0550KXHEE273832	Savala Equipment Rentals	Ortiz	John Deere	FJDXL04.5211	4045 HT070 A,B,C,D	4.5	2015	R534172-B	85	4	u-r-004-0499	Green Tag issued on 4/30/2019	
5/8/2019	5/22/2019	WW5G33	SERC_021	Bobcat	T 590 Skid Steer	2017	ALJU23845	United Rentals	ARB	Doosan	HDICL02.4LEA	D24NAP	2.392	2017	D24NAP7105046LE	66	4	u-r-019-0145	Green Tag Issued 5/14/2019	
5/14/2019	5/20/2019	DF9E37	SERC_022	Case	721G Wheel Loader	2017	NGF240121	United Rentals	Ortiz	Fiat Power Train	GFPXL06.7SDB	F4HFE613TB	4.5/6.7	2016	1444310	145	4F	u-r-015-0322	Green Tag Issued 5/14/2019	
5/22/2019	Onsite	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	4I	u-r-002-0006-1	Blue Tag Issued 8/14/2019	Green tag not issued. Removed from Site 8/27/2019
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	

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.01 17:16:39 -07'00'

Date: 8/1/2019

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 signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.02 16:46:28 -07'00'

Date: 8/2/2019

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: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.08.05 16:09:35 -07'00'

Date: August 5, 2018

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 signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.06 16:59:09 -07'00'

Date: 8/6/2019

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 signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.07 15:41:36 -07'00'

Date: 8/7/2019

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

ADDITIONAL NOTES:

Equipment Removed: SERC_025 (XR2045 Forklift)
Equipment Received: SERC_027 (XR2045 Forklift)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.08 18:51:10 -07'00'

Date: 8/8/2019

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-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.12 17:31:57 -07'00'

Date: 8/9/2019

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

ADDITIONAL NOTES:

Site was inspected 8/9/2019. Form not completed until 8/12/2019.

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.12 17:32:58 -07'00'

Date: 8/12/2019

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.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.13 17:05:49 -07'00'

Date: 8/13/2019

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.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.09.05 17:04:20 -07'00'

Date: 8/14/2019

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

Transposed received and removed equipment responses. Resubmit.

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.19 17:28:30 -07'00'

Date: 8/15/2019

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?	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:

Site inspected but documented on 8/19/2019.

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.19 17:31:26 -07'00'

Date: 8/16/2019

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?	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:

Site inspected but documented on 8/19/2019.

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.19 17:32:15 -07'00'

Date: 8/19/2019

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?	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: 2019.09.06 13:43:39 -07'00'

Date: 8/20/2019

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:

Site walked by Jon Kimble. Issue with saving report. Resubmitted this date.

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.08.28 13:24:03 -07'00'

Date: August 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:

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.28 07:39:33 -07'00'

Date: 8/23/2019

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 signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.28 07:32:27 -07'00'

Date: 8/26/2019

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.
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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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.28 07:27:59 -07'00'

Date: 8/27/2019

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?	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.
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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: 2019.08.29 19:07:47 -07'00'

Date: 8/28/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	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.
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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: 2019.08.29 19:09:22 -07'00'

Date: 8/29/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
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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.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.08.31 21:00:56 -07'00'

Date: 8/30/2019

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.
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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.

ADDITIONAL NOTES:

Primoris Services Corporation
ARB Inc.

September 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	Rent
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
5/22/2019	Onsite	NG3U86	SERC_023	CAT	259D Skid Steer Loader	2018	FTL14586	ARB	ARB
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A
7/9/2019	8/7/2019	TF6J89	SERC_025	Extreme Manufacturing	XR2045 Forklift	2018	XR2045-11-17119380	Ellis	ARB
8/7/2019	Onsite	VT6H48	SERC_027	Xtreme Manufacturing	XR2045 Forklift	2018	XR2045-11-18039329	Ellis	ARB

Respectfully,

Steven Fischer
ARB, Inc.
Project Manager

Bill Petty's Backhoe Service, Inc.
13203 Barlin Ave.
Downey, CA 90242
[illegible]
562-630-3162
Fax: 562-630-7341

September 4, 2019

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

Attn: Nick Tasich

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

Subject: Equipment Maintenance
Month: August 2019

Dear Mr. Tasich,

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

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

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

Respectfully submitted.

Patricia Petty
President

Date Move on	Date Move off	CARB ID 6 digit (EIN)	SERC ID	Mfr	Model/ Description	Model Year	Serial Number	Owner
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN-Backhoe	2014	JJ8N585NLEC706659	D&S BACKHOE SERVICE

Renter	Mfr	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier
Bill's Backhoe	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4

Engine Certification on File	Compliance Tag	Notes
u-r-015-0283	Green tag issued 02/19/2019	

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 August 2019.

This is for the equipment listed below at:

10711 DALE ST

STANTON, CA. 90680

DESCRIPTION	EIN NUMBER	SERIAL NUMBER
JLG 60' ARTICULATING BOOM LIFT	LR7P73	10755669
JCB VARIABLE REACH FORKLIFT	RV7M68	10507929
GENIE VARIABLE REACH FORKLIFT	JW5N58	10366180
SKYTRAK VARIABLE REACH FORKLIFT	RS6W99	10362305
SKYTRACK VARIABLE REACHLIFT	KT3V94	BR2596

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager

Attachment 4 –Biological Resources

JACOBS®

Memorandum

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

Subject **Stanton Energy Reliability Center (16-AFC-1)**
Biological Resources Monthly Compliance Report
August 2019

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
SERC CEC Designated Biologist

Date: September 5, 2019

Copies: Sharon Stureman, SERC, LLC
Doug Davy, Jacobs
Karen Parker, Jacobs

1. Introduction

This August 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from August 1 through August 31, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C). The MCR is in accordance with the current (October 2018) Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological resources California Energy Commission 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 August 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 August 2019 reporting period biological monitoring was conducted daily and nest surveys were performed for the northern segments of the natural gas pipeline and the laydown yard owned by the St. John the Baptist Greek Orthodox Church, located at 405 N. Dale Ave, Anaheim, Orange County,

California. The Nest Survey Reports are provided in Appendix A. Daily Biological Resources Compliance Monitoring Logs are provided in Appendix B. A list of wildlife species observed during the monitoring events are included in Appendix C.

2.1 Activities Monitored

SERC construction activities were monitored daily (Monday through Friday) from August 1 through August 31, 2019. Locations monitored included the SERC site (western and eastern parcels), Bethel Romanian Pentecostal Apostolic Church parking lot (located at 10801 Dale Avenue, Stanton), Southern California Edison Laydown Yards (western and eastern), St. John the Baptist Greek Orthodox Church Laydown, and Natural Gas Pipeline (along Dale Avenue from La Palma to West Orange Avenue).

Construction activities at the SERC site included site excavation, foundations, construction of bridges (pedestrian and utility) across Stanton Storm Channel, and electrical and welding activities. 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 preparation and use of the laydown yard at St. John the Baptist Greek Orthodox Church.

2.2 Nesting Birds

No protected active nests were observed during the August 2019 reporting period. Nest surveys were performed on August 6, August 16, and August 26, 2019 for the northern segments of the natural gas pipeline and the laydown yard owned by St. John the Baptist Greek Orthodox Church and within 500 feet in accordance with BIO-8. The Nest Survey Reports are provided in Appendix A. Nesting behaviors observed during monitoring are described in further detail in the Biological Resources Compliance Monitoring Logs, which are provided in Appendix B.

2.3 Special-Status Species

One special status species, the Cooper's hawk (*Accipiter cooperii*) (California Watch List), was observed during August 2019. A list of wildlife species observed during nest surveys and monitoring in August 2019 is included in Appendix C.

2.4 Wildlife Injuries and Mortalities

No injured wildlife species were observed within the SERC project locations or survey areas; however, a deceased Eurasian collared dove (*Streptopelia decaocto*) was identified on August 12, 2019 and a deceased Northern mockingbird (*Mimus polyglottos*) was identified on August 20, 2019; both within the SERC site boundaries.

Wildlife Observations Forms for wildlife observed during the August 2019 reporting period are provided in Appendix D.

2.5 Hazardous Material Spills

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

2.6 Non-Compliance Report

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

3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 79 persons completed the SERC WEAP training in August 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix E.

Appendix A
Nest Survey Reports

JACOBS®

Memorandum

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

Subject	**Stanton Energy Reliability Center (16-AFC-1) Nest Survey (BIO-8) Report**
Project Name	Stanton Energy Reliability Center (SERC)
Attention	John Heiser, CPM Andrew Valand, CDFW Christine Medak, USFWS
From	Ava Edens, Jacobs SERC CEC Designated Biologist
Date	August 9, 2019
Copies to	Tim Bofman, Wellhead Inc. Doug Davy, Jacobs Karen Parker, Jacobs Ken Levenstein, Jacobs

1. Introduction

This memorandum documents the findings of a nesting bird survey for the Stanton Energy Reliability Center (SERC, the Project). Two project features were surveyed. The first was the northern one-mile-long section of a natural gas pipeline construction route along Dale Avenue from La Palma Avenue (Buena Park) south to West Lincoln Avenue (Anaheim). The second was a laydown yard, a vacant lot to the north of, and adjacent to, the St. John the Baptist Greek Orthodox Church, 405 N. Dale Ave, Anaheim, CA. Figure 1 in Attachment A shows the route of the gas pipeline along Dale Avenue, including the surveyed portion, as well as the laydown yard. This was the first nesting bird survey conducted for these two areas. This nesting bird survey and report is provided in compliance with the CEC Condition of Certification BIO-8, Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds.

2. Methods

The nest survey was completed by Ava Edens, the Designated Biologist for SERC, and Dr. Ken Levenstein, a senior biologist (specializing in avian ecology) with Jacobs and approved biological monitor for SERC. The nest survey was conducted on August 6, 2019 between 7:37 am and 9:50 am. Weather conditions were cloudy with temperatures around 68°F and light winds (2 to 4 mph W) at the beginning of the surveys, and sunny with temperatures around 75°F and light winds (3 to 5 mph W) at the end of the surveys.

Pedestrian surveys were conducted in advance of construction for the SERC natural gas supply pipeline along Dale Avenue and the laydown yard adjacent to the Greek Orthodox Church. During the nesting bird survey for the northern mile of the gas pipeline, the biologists proceeded slowly meandering along sidewalks and publicly accessible areas within 500 feet along Dale Avenue. One surveyor was on either side of Dale Avenue from La Palma Avenue south until they reached West Lincoln Avenue; which marked the end of the first mile of the gas pipeline route. The biologists walked meandering transects throughout the laydown yard adjacent to the Greek Orthodox Church. During the survey, particular attention was focused on trees, shrubs, and structures that could serve as suitable substrates for nesting birds. Potential nesting areas not publicly accessible, but within 500 feet of the Project features, were surveyed with binoculars.

Along the one-mile gas pipeline route segment, three active nests were encountered on a single house at the northwest corner of Planetary Drive and Dale Avenue. All three nests belonged to house sparrows (*Passer domesticus*) and were tucked under the eaves of the house and concealed behind wood latticework (see Photographs 3-5 in Attachment B). The nests were located at approximately 33.8400835 latitude and -17.9850541 longitude. Adult house sparrows were seen coming and going and were presumed to be tending young. House sparrows are an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

The surveyed areas contained very few trees large enough to serve as suitable substrate for a raptor nest. However, there are several types of power poles and transmission line towers within the search area that could support a raptor nest. No nests were observed, and no raptors were observed. No special status species or MBTA protected nests were observed during the survey or within 500 feet of the northern one-mile segment of the natural gas pipeline route or the laydown yard at the Greek Orthodox Church.

Bird species observed during the surveys are listed in Table 1. Descriptions of the survey locations are provided below. Photographs of the surveyed areas are included in Attachment B.

Gas Pipeline Route

The northern one-mile section of the gas pipeline route, which runs north-south within Dale Avenue, is located between La Palma Avenue in Buena Park on the north and West Lincoln Avenue in Anaheim on the south. Dale Avenue consists of four lanes: two northbound lanes and two southbound lanes.

Within the survey area, Dale Avenue is lined on either side by one- to two-story homes interspersed with variously sized commercial enterprises. These include a relatively large shopping mall, Buena Park Downtown, at La Palma and Dale Avenues, two churches (one of which, the Greek Orthodox Church, is very large and includes a parcel of approximately 0.5 square miles), a senior living facility, gas station, and a strip mall at the southern end of the segment at West Lincoln Avenue.

There were a number of medium-sized trees, numerous shrubs, and several large trees along the surveyed segment of the pipeline route; however, as stated above, the only active nests encountered were the house sparrows on the northwest corner of Planetary Drive and Dale Avenue.

Laydown Yard at the Greek Orthodox Church

The laydown yard is a fenced (chain-link) and gated vacant lot that is located just north of and adjacent to the St. John the Baptist Greek Orthodox Church on the west side of Dale Avenue. The lot is almost entirely comprised of very closely cropped dead grass, a smaller amount of blacktop, and some scattered small- to medium-sized trees and shrubs.

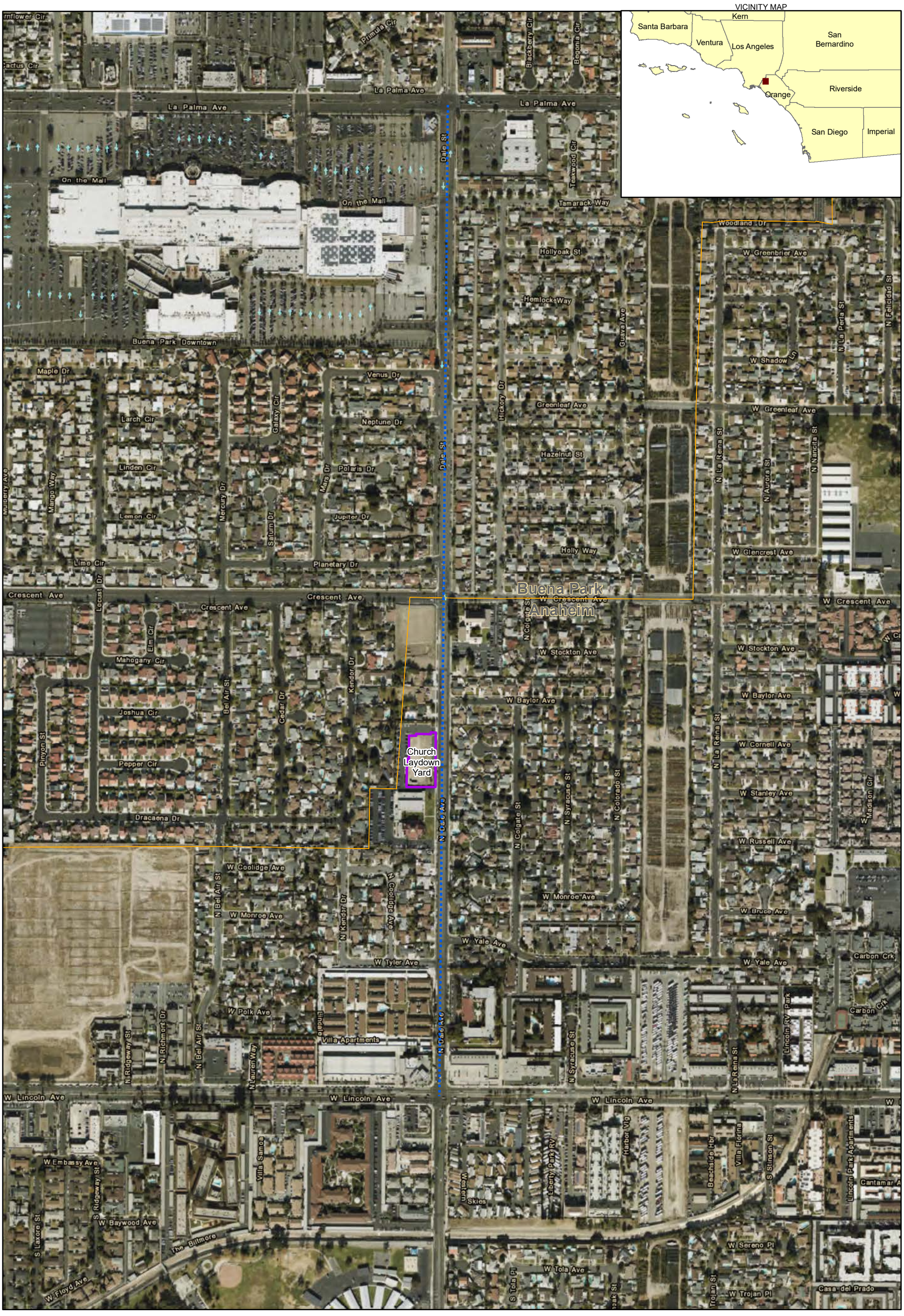
Table 1. Avian Species Observed During the August 6, 2019 Nest Survey for the SERC Gas Pipeline Route (Northern One-Mile) and Laydown Yard (at St. John the Baptist Greek Orthodox Church)

Common Name	Scientific Name	Notes
Allen's hummingbird	*Selasphorus sasin*	Numerous individuals observed along Dale Avenue pipeline route.
American crow	*Corvus brachyrhynchos*	Observed flying over Dale Avenue pipeline route.
Bushtit	*Psaltriparus minimus*	Numerous individuals observed along Dale Avenue pipeline route.
Black phoebe	*Sayornis nigricans*	Observed along Dale Avenue pipeline route.
Eurasian collared dove	*Streptopelia decaocto*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route. Several observed around Laydown Yard.
European starling	*Sturnus vulgaris*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route.
House finch	*Haemorhous mexicanus*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route. Several observed around Laydown Yard.
House sparrow	*Passer domesticus*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route. Several pairs nesting on a house along Dale Avenue pipeline route.
Mitred parakeet	*Psittacara mitrata*	Several flocks observed flying over the Dale Avenue pipeline route. Flock observed flying over Laydown Yard.
Mourning dove	*Zenaida macroura*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route. Approximately 20 to 30 observed around Laydown Yard.
Northern mockingbird	*Mimus polyglottos*	Several individuals observed along the Dale Avenue pipeline route.

Table 1. Avian Species Observed During the August 6, 2019 Nest Survey for the SERC Gas Pipeline Route (Northern One-Mile) and Laydown Yard (at St. John the Baptist Greek Orthodox Church)

Common Name	Scientific Name	Notes
Rock pigeon	*Columba livia*	Several flocks observed flying over the Dale Avenue pipeline route.
Say's phoebe	*Sayornis saya*	One individual observed foraging along the Dale Avenue pipeline route.
Western gull	*Larus occidentalis*	Several individuals observed flying over the Dale Avenue pipeline route.

Attachment A
Survey Figures



LEGEND

- Natural Gas Pipeline Route
- Church Laydown Yard
- City Boundary

0 500 1,000
Feet

N

Figure 1
SERC Natural Gas Pipeline
Northern 1-mile-long Segment
and Church Laydown Yard
Stanton Energy Reliability Center
Stanton, California

Attachment B
Survey Photos

Photo 1

Location	SERC – Dale Avenue Pipeline Route	**Description**	View south along Dale Avenue from northern end of route. The Buena Park Downtown shopping mall with a Walmart is at right in photo.

Photo 2

Location	SERC – Dale Avenue Pipeline Route	**Description**	View northeast from northern end of route at trees in the parking lot of a vacant “big box” store at the northeast corner of La Palma and Dale Avenues.

Photo 3

Location	SERC – Dale Avenue Pipeline Route	**Description**	View northwest of house on northwest corner of Planetary Drive and Dale Avenue with several house sparrow nests tucked under the eaves and behind latticework.

Photo 4

Location	SERC – Dale Avenue Pipeline Route	**Description**	Another closer view of one of the house sparrow nest locations tucked under the eaves and behind latticework. Note house sparrow perched on lattice.

Photo 5

Location	SERC – Dale Avenue Pipeline Route	**Description**	Another view of house sparrow nest locations tucked under the eaves and behind latticework. Note house sparrow perched above window.

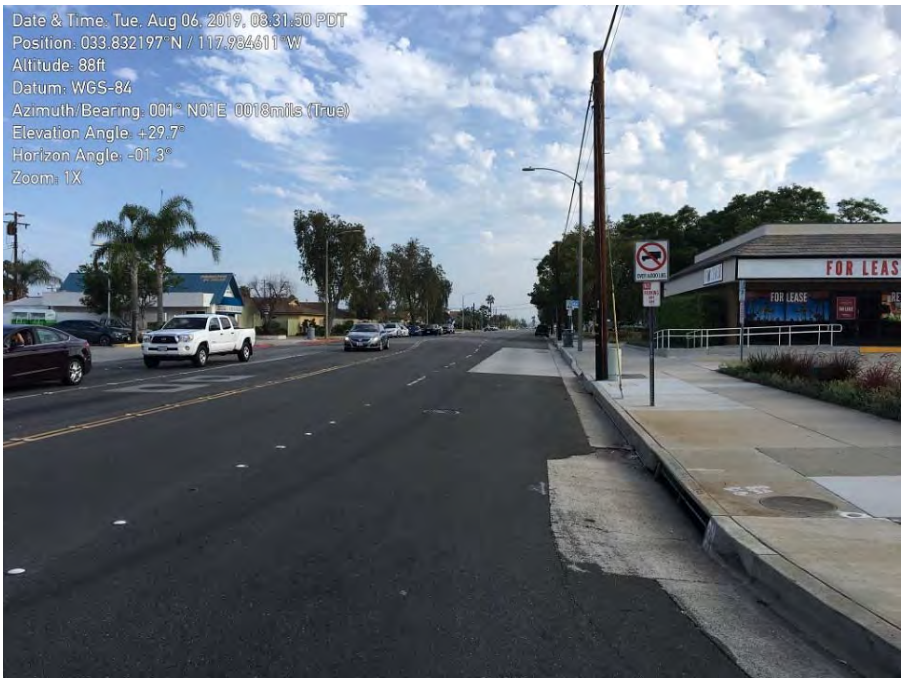
Photo 6

Location	SERC – Dale Avenue Pipeline Route	**Description**	View north along Dale Avenue from the northwest corner of Dale Avenue and Crescent Avenue; midway through the northern one-mile segment of gas line.

Photo 7

Location	SERC – Dale Avenue Pipeline Route	**Description**	View south along Dale Avenue from the northwest corner of Dale Avenue and Crescent Avenue; midway through the northern one-mile segment of gas line.

Photo 8



Location	SERC – Dale Avenue Pipeline Route	**Description**	View north along Dale Avenue from the northeast corner of Dale Avenue and West Lincoln Avenue from southern end of the on mile northern route.

Photo 9

Location	SERC – Greek Orthodox Church Laydown Yard	**Description**	View southwest from northern portion of laydown yard at large field covered with closely cropped dead grass and surrounded by blacktop and several trees.

Photo 10

Location	SERC – Greek Orthodox Church Laydown Yard	**Description**	View southwest from southeast portion of laydown yard at several small olive trees and closely cropped field. Greek Orthodox Church in background.

Photo 11

Location	SERC – Greek Orthodox Church Laydown Yard	**Description**	View north from southeast portion of laydown yard. Temporary chain link fence at right separates parcel from Dale Avenue sidewalk.

Photo 12

Location	SERC – Greek Orthodox Church Laydown Yard	**Description**	View east-northeast from northwest portion of laydown yard at blacktop and adjacent shrubs and trees. Dale Avenue is beyond chain link gate at right in photo.

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Memorandum

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Subject	**Stanton Energy Reliability Center (16-AFC-1) Nest Survey (BIO-8) Report**
Project Name	Stanton Energy Reliability Center (SERC)
Attention	John Heiser, CPM Andrew Valand, CDFW Christine Medak, USFWS
From	Ava Edens, Jacobs SERC CEC Designated Biologist
Date	August 21, 2019
Copies to	Tim Bofman, Wellhead Inc. Doug Davy, Jacobs Karen Parker, Jacobs

1. Introduction

This memorandum documents the findings of a nesting bird survey for the Stanton Energy Reliability Center (SERC, the Project). Three project features were surveyed. The first was the northern one-mile-long section of a natural gas pipeline construction route along Dale Avenue from La Palma Avenue (Buena Park) south to West Lincoln Avenue (Anaheim). The second was a laydown yard, a vacant lot to the north of, and adjacent to, the St. John the Baptist Greek Orthodox Church, 405 N. Dale Ave, Anaheim, CA. This was the second nesting bird survey conducted for these two areas. The third area was the Carbon Creek section of the natural gas pipeline construction route, a half-mile section along Dale Avenue from West Lincoln Avenue to Orange Avenue (Anaheim). This was the first nesting bird survey conducted for the third area. Figure 1 in Attachment A shows the route of the gas pipeline along Dale Avenue, including the surveyed portions and the associated laydown yard. This nesting bird survey and report is provided in compliance with the CEC Condition of Certification BIO-8, Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds.

2. Methods and Observations

The nest survey was completed by Ava Edens, the Designated Biologist for SERC, and Cara Snellen, an approved biological monitor for SERC. The nest survey was conducted on August 16, 2019, between 7:30 am and 10:00 am. Weather conditions were cloudy with temperatures around 64°F and light winds (1 to 4 mph ENE) at the beginning of the surveys, and sunny with temperatures around 73°F and light winds (4 to 6 mph SW) at the end of the surveys.

Pedestrian surveys were conducted in advance of construction for the SERC natural gas supply pipeline along Dale Avenue and the laydown yard adjacent to the Greek Orthodox Church. During the nesting bird survey for both the northern mile and the Carbon Creek segment of the gas pipeline, the biologists proceeded slowly meandering along sidewalks and publicly accessible areas within 500 feet along Dale Avenue. One surveyor was on either side of Dale Avenue from La Palma Avenue south until they reached Orange Avenue. The biologists walked meandering transects throughout the laydown yard adjacent to the Greek Orthodox Church. During the survey, particular attention was focused on trees, shrubs, and structures that could serve as suitable substrates for nesting birds. Potential nesting areas not publicly accessible, but within 500 feet of the natural gas pipeline route or the laydown yard at the Greek Orthodox Church, were surveyed with binoculars.

Along the Carbon Creek gas pipeline route segment, an active rock pigeon (*Columba livia*) nest was observed under the eaves of the Farmer Boy restaurant drive-through awning at the southwest corner of West Lincoln Avenue and Dale Avenue (see Photograph 7 in Attachment B). This nest was located at approximately 33.831793 latitude and -117.984976 longitude. In addition, the three active house sparrows (*Passer domesticus*) nests that were identified during the first nesting bird survey along the northern one-mile gas pipeline route segment were revisited. All three nests, tucked under the eaves of a single house at the northwest corner of Planetary Drive and Dale Avenue, were located at approximately 33.8400835 latitude and -117.9850541 longitude (see Photograph 2 in Attachment B). Although no activity was observed, house sparrows were heard at the nests and they were presumed still active. Both rock pigeons and house sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

The surveyed areas contained very few trees large enough to serve as suitable substrate for a raptor nest. However, there are several types of power poles and transmission line towers within the search area that could support a raptor nest. No inactive raptor nests were observed. No special status species or MBTA protected nests were observed during the survey or within 500 feet of the northern one-mile and Carbon Creek segments of the natural gas pipeline route or the laydown yard at the Greek Orthodox Church.

Bird species observed during the surveys are listed in Table 1. Descriptions of the survey locations are provided below. Photographs of the surveyed areas are included in Attachment B.

Gas Pipeline Route

The northern one-mile section of the gas pipeline route, which runs north-south within Dale Avenue, is located between La Palma Avenue in Buena Park on the north and West Lincoln Avenue in Anaheim on the south. Dale Avenue consists of four lanes: two northbound lanes and two southbound lanes.

The Carbon Creek section of the gas pipeline route runs north-south within Dale Avenue between West Lincoln Avenue on the north and Orange Avenue on the south in Anaheim and includes the Carbon Creek bridge. Within this section, Dale Avenue again consists of four lanes: two northbound lanes and two southbound lanes.

Within the survey area for the two gas pipeline sections, Dale Avenue is lined on either side by one- to two-story homes interspersed with variously sized commercial enterprises and organizations. These include a relatively large shopping mall, Buena Park Downtown, at La Palma and Dale Avenues, two churches (one of which, the Greek Orthodox Church, is very large and includes a parcel of approximately 0.5 square miles), a senior living facility, a gas station, strip malls at the intersection of West Lincoln Avenue and Dale Avenue, and an elementary school.

There are a number of medium-sized trees, numerous shrubs, and several large trees along the surveyed segment of the pipeline route; however, as stated above, the only active nests present during the survey were the house sparrows on the northwest corner of Planetary Drive and Dale Avenue, originally identified during the first nesting bird survey on August 6, 2019, as well as the rock pigeon nest at the southwest corner of the intersection of West Lincoln Avenue and Dale Avenue.

Laydown Yard at the Greek Orthodox Church

The laydown yard is a fenced (chain-link) and gated vacant lot that is located just north of and adjacent to the St. John the Baptist Greek Orthodox Church on the west side of Dale Avenue. The lot is almost entirely comprised of very closely cropped dead grass, a smaller amount of blacktop, and some scattered small- to medium-sized trees and shrubs.

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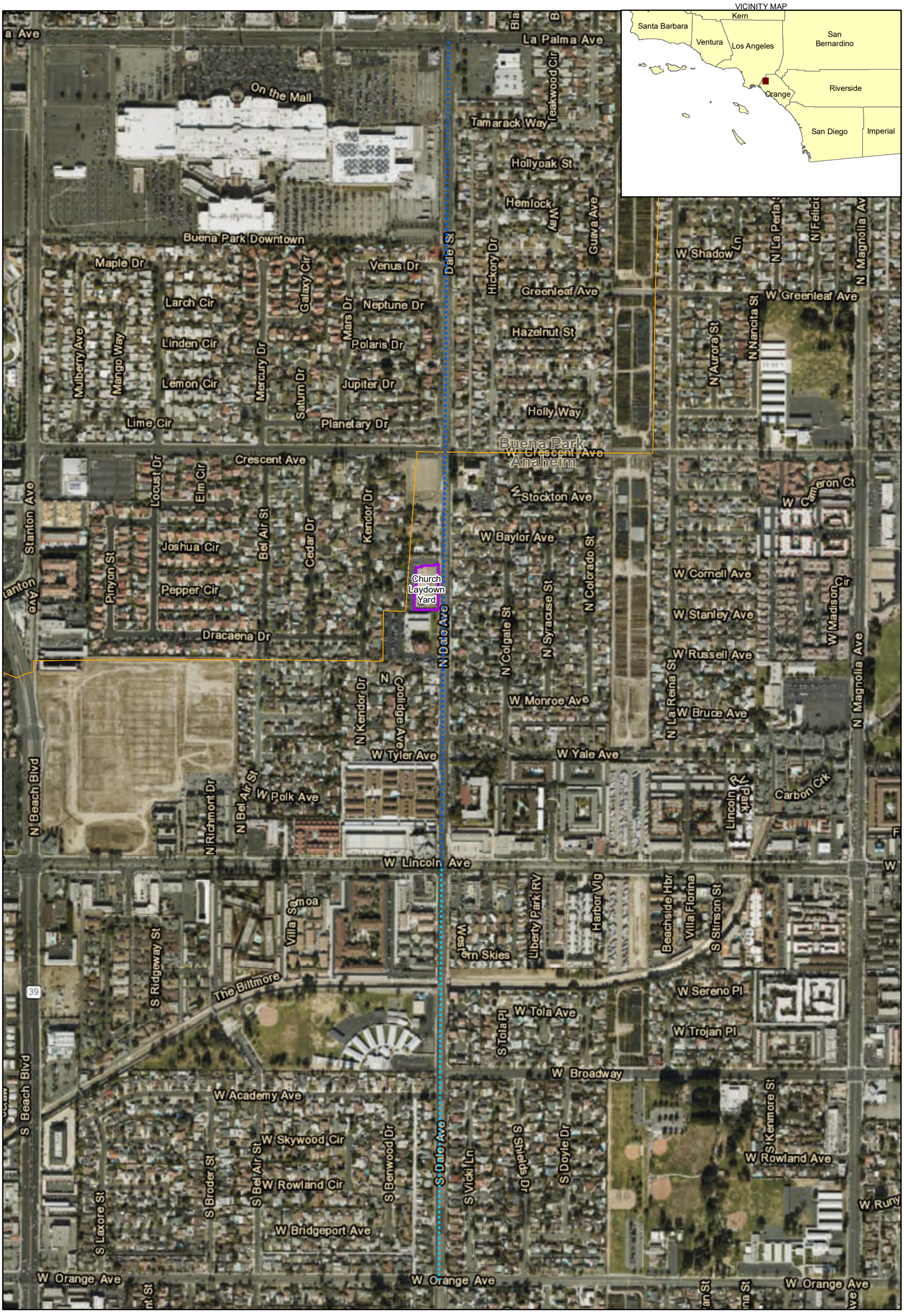
Table 1. Avian Species Observed During the August 16, 2019 Nest Survey for the SERC Gas Pipeline Route (Northern One-Mile and Carbon Creek Segment) and Laydown Yard (at St. John the Baptist Greek Orthodox Church)

Common Name	Scientific Name	Notes
Allen's hummingbird	*Selasphorus sasin*	Numerous individuals observed along Dale Avenue pipeline route.
American crow	*Corvus brachyrhynchos*	Numerous individuals observed flying over Dale Avenue pipeline route.
Bushtit	*Psaltriparus minimus*	Numerous individuals observed along Dale Avenue pipeline route.
Black phoebe	*Sayornis nigricans*	One individual observed along Dale Avenue pipeline route.
Cassin's kingbird	*Tyrannus vociferans*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route.
Cattle egret	*Bubulcus ibis*	One individual observed flying over the Dale Avenue pipeline route.
Eurasian collared dove	*Streptopelia decaocto*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route. Several observed around Laydown Yard.
House finch	*Haemorhous mexicanus*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route. Several observed around Laydown Yard.
House sparrow	*Passer domesticus*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route. Several pairs nesting on a house along Dale Avenue pipeline route.
Mourning dove	*Zenaida macroura*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route. Several observed around the Laydown Yard.
Northern mockingbird	*Mimus polyglottos*	Numerous individuals observed along the Dale Avenue pipeline route.

Table 1. Avian Species Observed During the August 16, 2019 Nest Survey for the SERC Gas Pipeline Route (Northern One-Mile and Carbon Creek Segment) and Laydown Yard (at St. John the Baptist Greek Orthodox Church)

Common Name	Scientific Name	Notes
Red-crowned parrot	*Amazona viridigenalis*	Flock observed flying over the Dale Avenue pipeline route.
Red-tailed Hawk	*Buteo jamaicensis*	One individual observed perched along the Dale Avenue pipeline route.
Rock pigeon	*Columba livia*	Several flocks observed perched along and flying over the Dale Avenue pipeline route. Pair nesting on building along the Dale Avenue pipeline route.
Say's phoebe	*Sayornis saya*	One individual observed foraging along the Dale Avenue pipeline route.
Western bluebird	*Sialia mexicana*	One individual observed foraging on lawn adjacent to the Laydown yard.
Western gull	*Larus occidentalis*	Numerous individuals observed flying over the Dale Avenue pipeline route.

Attachment A
Survey Figure



LEGEND

- Natural Gas Pipeline Route (Northern 1-Mile Segment)
- Natural Gas Pipeline Route (Carbon Creek Segment)
- Laydown Yard at St. John the Baptist Greek Orthodox Church
- City Boundary

0 600 1,200
Feet

N

Figure 1
SERC Natural Gas Pipeline
Nest Survey Segments
Stanton Energy Reliability Center
Stanton, California

Attachment B
Survey Photos

Photo 1			
			
Location	SERC – Dale Avenue Pipeline Route	**Description**	View south along Dale Avenue at northern end of gas pipeline route in a vacant business parking lot. The Buena Park Downtown shopping mall is at right in photo background.

Photo 2			
			
Location	SERC – Dale Avenue Pipeline Route	**Description**	View northwest of house on northwest corner of Planetary Drive and Dale Avenue (northern one-mile segment of gas line) with several house sparrow nests tucked under the eaves and behind latticework. Nests originally identified during first nesting bird survey on August 6, 2019.

Photo 3

Location	SERC – Dale Avenue Pipeline Route	**Description**	View north from southwest corner of Crescent/Dale Avenue intersection midway through the northern one-mile segment of gas line.

Photo 4

Location	SERC – Dale Avenue Pipeline Route	**Description**	View south from northwest corner of Crescent/Dale Avenue intersection midway through the northern one-mile segment of gas line.

Photo 5

Location	SERC – Dale Avenue Pipeline Route	**Description**	View north from southwest corner of West Lincoln/Dale Avenue intersection at south end of northern one-mile segment of gas line.

Photo 6

Location	SERC – Dale Avenue Pipeline Route	**Description**	View south near northwest corner of West Lincoln/Dale Avenue intersection at boundary between northern one-mile and Carbon Creek segments of gas line.

Photo 7

Location	SERC – Dale Avenue Pipeline Route	**Description**	View west of active rock pigeon nest location under eaves of Farmer Boy restaurant drive-through awning on the southwest corner of West Lincoln/Dale Avenue intersection; at the north end of half-mile segment of gas line.

Photo 8

Location	SERC – Dale Avenue Pipeline Route	**Description**	View south of red-tailed hawk perched on a telephone pole on the east side of Dale Avenue within the Carbon Creek segment of the gas line. No nesting behavior or nests were observed.

Photo 9

Location	SERC – Dale Avenue Pipeline Route	**Description**	View west (downstream) of Carbon Creek at intersection with Dale Avenue.

Photo 10

Location	SERC – Dale Avenue Pipeline Route	**Description**	View east (upstream) of Carbon Creek at intersection with Dale Avenue.

Photo 11

Location	SERC – Dale Avenue Pipeline Route	**Description**	View southwest at Dale Avenue bridge over Carbon Creek.

Photo 12

Location	SERC – Dale Avenue Pipeline Route	**Description**	View north along east side of Dale Avenue north of Orange/Dale Avenue intersection near the south end of the Carbon Creek segment of gas line.

Photo 13

Location	SERC – Dale Avenue Pipeline Route	**Description**	View south along east side of Dale Avenue north of Orange/Dale Avenue intersection near the south end of the Carbon Creek segment of gas line.

Photo 14

Location	SERC – Greek Orthodox Church Laydown Yard	**Description**	View northeast from southwest corner of laydown yard at blacktop and expanse of closely cropped dead grass. Dale Avenue is beyond chain link gate in photo background.

Photo 15			
			
Location	SERC – Greek Orthodox Church Laydown Yard	**Description**	View north from southwest corner of laydown yard of shrubs and trees bordering blacktop.

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Memorandum

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Subject	**Stanton Energy Reliability Center (16-AFC-1) Nest Survey (BIO-8) Report**
Project Name	Stanton Energy Reliability Center (SERC)
Attention	John Heiser, CPM Andrew Valand, CDFW Christine Medak, USFWS
From	Ava Edens, Jacobs SERC CEC Designated Biologist
Date	September 3, 2019
Copies to	Tim Bofman, Wellhead Inc. Doug Davy, Jacobs Karen Parker, Jacobs Ken Levenstein, Jacobs

1. Introduction

This memorandum documents the findings of a nesting bird survey for the Stanton Energy Reliability Center (SERC, the Project), Anaheim, CA. The survey was for a 0.5-mile section of the natural gas pipeline construction route along Dale Avenue from West Lincoln Avenue to Orange Avenue (Carbon Creek segment) in Anaheim, CA. Figure 1 in Attachment A shows the surveyed portion of the gas pipeline along Dale Avenue, as well as the laydown yard. This was the second nesting bird survey conducted for this portion of the natural gas pipeline construction route. This nesting bird survey and report is provided in compliance with the CEC Condition of Certification BIO-8, Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds.

2. Methods

The nest survey was completed by Dr. Ken Levenstein, an avian ecologist with Jacobs and approved biological monitor for SERC. The nest survey was conducted on August 26, 2019, between 6:06 am and 6:53 am. Weather conditions were partly cloudy and calm with temperatures around 70°F at the beginning of the survey, and partly cloudy and calm with temperatures around 71°F at the end of the survey.

A pedestrian survey was conducted in advance of construction for the SERC natural gas supply pipeline along a 0.5-mile section of Dale Avenue between Lincoln Avenue at the northern end of the section and Orange Avenue at the southern end of the section. During the nesting bird survey, the biologist proceeded slowly, meandering along sidewalks and publicly accessible areas within 500 feet of Dale

Avenue. The biologist began the survey at the northeast corner of Dale and Orange Avenues and proceeded north along the east side of Dale Avenue, focusing on trees, shrubs, and structures that could serve as suitable substrates for nesting birds. Upon reaching Lincoln Avenue, the biologist crossed Dale Avenue and continued to survey for nests as he proceeded south to Orange Avenue, the end point for the survey. During the survey, the biologist used binoculars to scan potential nesting areas not publicly accessible, but within 500 feet of the Project features.

A previously active rock pigeon (*Columba livia*) nest that was observed during the August 16 nest survey under the eaves of the Farmer Boy restaurant drive-through awning at the southwest corner of West Lincoln Avenue and Dale Avenue (see Photograph 7 in Attachment B) was checked during the August 26 survey for this report, but no activity was observed. This nest was located at approximately 33.831793 latitude and -117.984976 longitude. Rock pigeon is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

The surveyed areas contained very few trees large enough to serve as suitable substrate for a raptor nest. However, there are several types of power poles and transmission line towers within the search area that could support a raptor nest. No nests were observed, and no raptors were observed. No special status species or MBTA protected nests were observed during the survey.

Bird species observed during the survey are listed in Table 1. A description of the survey location is provided below. Photographs of the surveyed area are included in Attachment B.

Gas Pipeline Route

The 0.5-mile section of the gas pipeline route surveyed for the second time on August 26 and reported on herein, runs north-south within Dale Avenue between West Lincoln Avenue on the north and Orange Avenue on the south in Anaheim and includes Carbon Creek where it crosses underneath Dale Avenue running east to west. Within this section, Dale Avenue consists of four lanes: two northbound lanes and two southbound lanes.

Within the survey area for this section of the gas pipeline, Dale Avenue is lined on either side by one- to two-story homes and several apartment complexes. At the intersection of Dale and West Lincoln Avenues, there is a gas station, two fast food restaurants, and a strip mall containing small businesses.

There were a number of medium-sized trees, numerous shrubs, and several large trees along the surveyed segment of the pipeline route; however, as stated above, the only potentially active nest present was that of a pair of rock pigeons at the southwest corner of the intersection of West Lincoln Avenue and Dale Avenue.

Table 1. Avian Species Observed During August 26, 2019 Nest Survey for 0.5-Mile Section (Between West Lincoln and Orange Avenues) of the SERC Gas Pipeline Route Along Dale Avenue, Anaheim, CA.

Common Name	Scientific Name	Notes
Allen's hummingbird	*Selasphorus sasin*	One individual observed along Dale Avenue pipeline route.
American crow	*Corvus brachyrhynchos*	Several individuals observed flying over Dale Avenue pipeline route.
Black phoebe	*Sayornis nigricans*	One individual observed along Dale Avenue pipeline route.
Eurasian collared dove	*Streptopelia decaocto*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route.
House finch	*Haemorhous mexicanus*	Several individuals observed perched along and flying over the Dale Avenue pipeline route.
House sparrow	*Passer domesticus*	Numerous individuals observed perched along and flying over the Dale Avenue pipeline route.
Mourning dove	*Zenaida macroura*	Several individuals observed perched along and flying over the Dale Avenue pipeline route.
Northern mockingbird	*Mimus polyglottos*	One individual observed along the Dale Avenue pipeline route.
Rock pigeon	*Columba livia*	Two flocks observed perched along and flying over the Dale Avenue pipeline route. Pair nesting on building along the Dale Avenue pipeline route.

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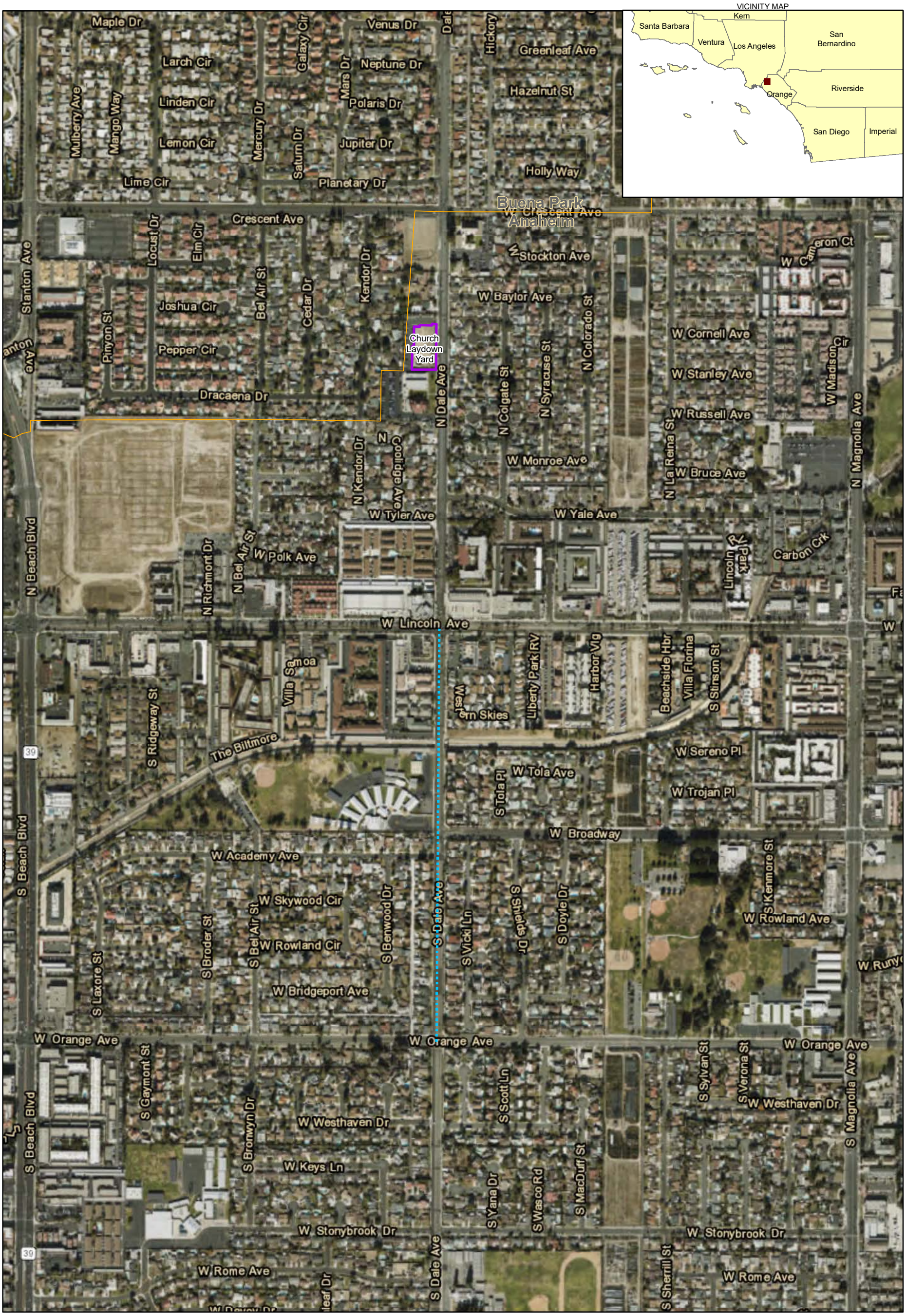
Attachment A
Survey Figure



LEGEND

- Natural Gas Pipeline Route (Carbon Creek Segment)
- Laydown Yard at St. John the Baptist Greek Orthodox Church
- City Boundary

0 600 1,200
Feet

N

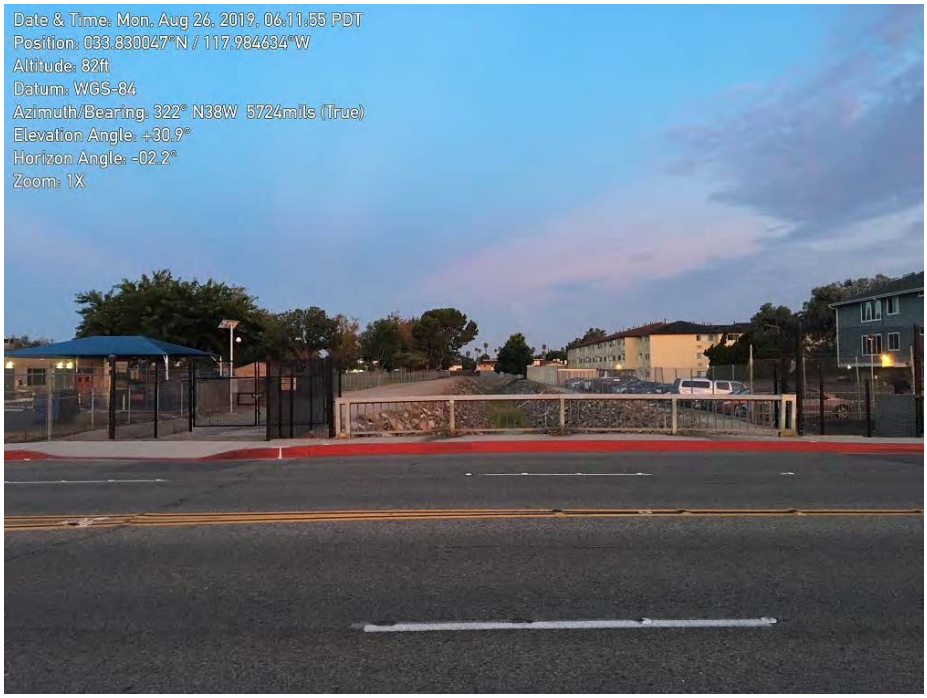
Figure 1
SERC Natural Gas Pipeline
Nest Survey Segment
Stanton Energy Reliability Center
Stanton, California

Attachment B
Survey Photos

Photo 1

Location	SERC – Dale Avenue Pipeline Route	**Description**	View east along Carbon Creek where it intersects Dale Avenue near northern end of 0.5-mile section of gas pipeline route surveyed for this report.

Photo 2



Location	SERC – Dale Avenue Pipeline Route	**Description**	View west across Dale Avenue at Carbon Creek where it intersects Dale Avenue near northern end of 0.5-mile section of gas pipeline route surveyed for this report.

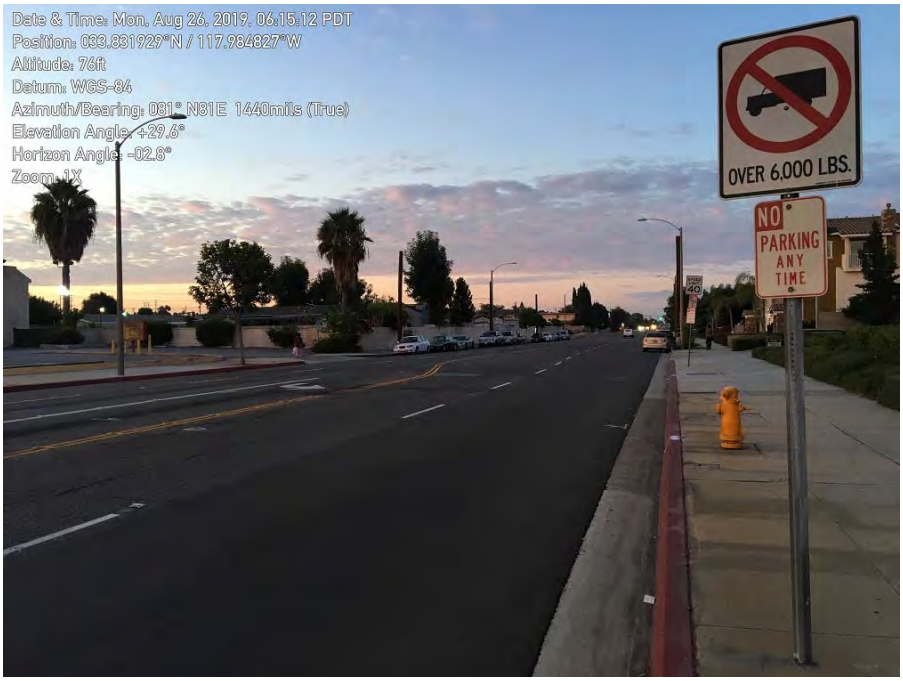
Photo 3

Location	SERC – Dale Avenue Pipeline Route	**Description**	View west of rock pigeon nest location (circled in red) under eaves of Farmer Boy restaurant drive-through awning, southwest corner of West Lincoln/Dale Avenue intersection, north end of 0.5-mile segment of gas pipeline.

Photo 4

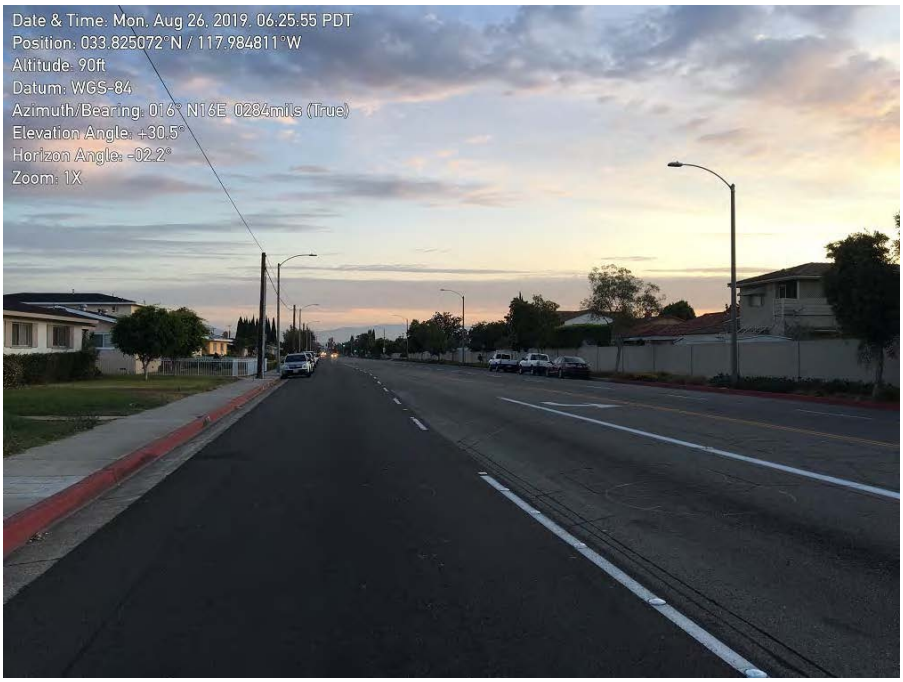
Location	SERC – Dale Avenue Pipeline Route	**Description**	Closer view of rock pigeon nest location (see Photo 3).

Photo 5



Location	SERC – Dale Avenue Pipeline Route	**Description**	View south from southwest corner of West Lincoln/Dale Avenue intersection at south end of northern one-mile segment of gas line.

Photo 6

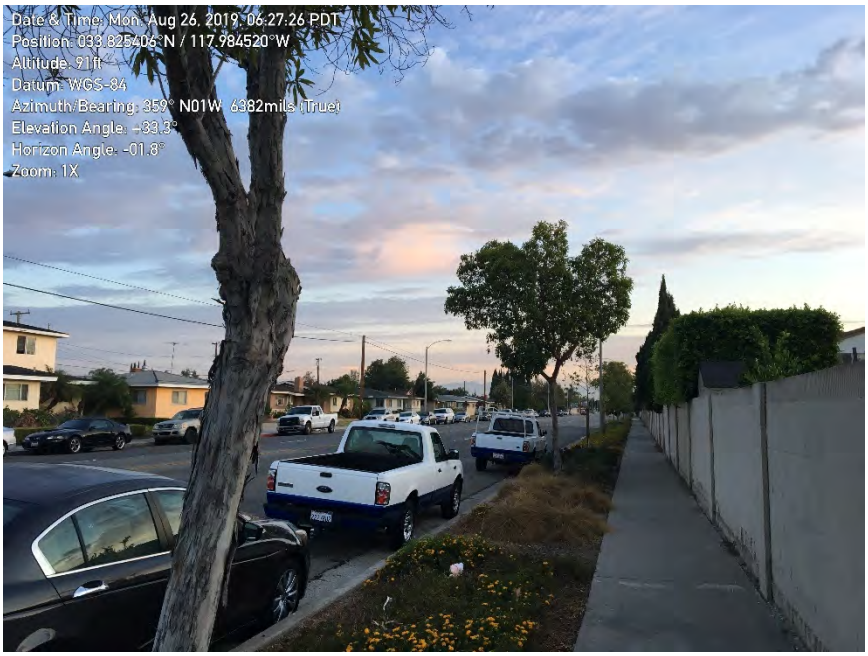


Location	SERC – Dale Avenue Pipeline Route	**Description**	View north near northwest corner of Orange and Dale Avenue intersection at southern end of surveyed 0.5-mile segment of gas pipeline.

Photo 7

Location	SERC – Dale Avenue Pipeline Route	**Description**	View north from near northeast corner of Orange/Dale Avenue intersection where thick vegetation lines the sidewalk at the southern end of 0.5-mile segment of gas line.

Photo 8



Location	SERC – Dale Avenue Pipeline Route	**Description**	View north from a little north of previous photo near northeast corner of Orange/Dale Avenue intersection near the southern end of 0.5-mile segment of gas pipeline.

Appendix B
Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 1, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 86	0 – 9	0 in	Good	cloudy early, then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, vehicle bridge construction, electrical work on water de-min system master control unit, movement of equipment/materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductworks, utility racks, generator, and stack foundations, concrete pour, piecemeal excavation, ground contouring and compaction, vehicle bridge construction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) is again sitting on the nest, SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: red-tailed hawk (*Buteo jamaicencis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Western Parcel	**Description**	View east-northeast from the east end of the Western Parcel at vehicle bridge construction work.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View west-northwest from central portion of Eastern Parcel at ductworks foundation concrete pour.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View northeast from eastern end of Eastern Parcel at Dale Ave entrance reconstruction work.

Photo 4

Location	SERC – Eastern Parcel	**Description**	Another view (south-southwest; see Photo 2) from central portion of Eastern Parcel at ongoing ductworks construction.

Photo 5

Location	SERC – Eastern Laydown	**Description**	View northeast from western portion of Eastern Parcel at pipefitters working on ammonia tank pipe-works.

Photo 6

Location	SERC – Eastern Parcel	**Description**	Another view (west; see Photo 1) from the west end of the Eastern vehicle bridge construction work.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 2, 2019	Cara Snellen	0600-1445

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-79	2-11	0 in	Good	overcast in early a.m.

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; foundation pump electrical work, dust suppression; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal excavation, dirt movement and contouring/compaction, rebar work and concrete pour at vehicle bridge ramp, tank pipework, dust suppression, gravel delivery, movement of equipment/materials; reporting (see Photo Log).

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

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

Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; surveyed Parcel and surrounding area (as accessible) for nesting activity; delivery and movement of equipment/materials, expansion/compaction of road bed; reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Eurasian collared dove (*Streptopelia decaocto*) observed in incubation position on the known nest on the SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), American crow (*Corvus brachyrhynchos*), American kestrel (*Falco sparverius*), red-tailed hawk (*Buteo jamaicensis*), barn swallow (*Hirundo rustica*), Allen's hummingbird (*Selasphorus sasin*)

Photo 1

Location	SERC – Western Parcel	Description	Electrical work at foundations in West parcel, facing southwest.

Photo 2

Location	SERC –Eastern Parcel	Description	Pipework for ammonia tank in East parcel, facing east.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Dirt movement and contouring around foundations in East parcel, facing east.

Photo 4

Location	SERC – Eastern Parcel	**Description**	Concrete pour for vehicle bridge ramp in East parcel, facing northwest.

Photo 5

Location	SERC –Eastern Parcel	Description	Piecemeal excavation around foundation in East parcel, facing west.

Photo 6

Location	SERC – SCE East Parcel	Description	Movement of materials in SCE East parcel, facing northwest.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 5, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 84	0 – 8	0 in	Good	cloudy early, then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Dale Ave entrance expansion, ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, slurry pour, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) sitting on nest, SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Laydown	**Description**	View north-northwest from southern portion of the Eastern Laydown at offloading of cement washouts.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View west from eastern portion of Eastern Parcel at ironworkers laying in rebar for foundation in preparation for concrete pour.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View northeast from eastern end of Eastern Parcel at Dale Ave entrance expansion work.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View southeast from eastern portion of Eastern Parcel at temporary storage of forms atop Gen 1 foundation.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View west-southwest from central portion of Eastern Parcel at truck delivering base material for parcel foundation.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View south-southeast from the western portion of Eastern Parcel at ongoing piecemeal excavation wotk.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 6, 2019	Ken Levenstein & Cara Snellen	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 84	0 – 6	0 in	Good	cloudy early, then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Dale Ave entrance expansion, ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, slurry pour, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) sitting on nest, SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View east from west end of the Eastern Parcel at ongoing parcel foundation contouring and compaction.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View northeast from eastern portion of Eastern Parcel at Dale Ave entrance expansion work.

Photo 3

Location	SERC – Eastern Laydown	**Description**	View northwest from south-west portion of Eastern Laydown at ongoing receiving and storage of large pieces of above-ground power plant equipment.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of Eastern Parcel at ongoing electrical work and infrastructure foundation construction.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 7, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 79	0 – 7	0.0 in	Good	cloudy early, then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

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

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Dale Ave entrance expansion, ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) sitting on nest, SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Western Parcel	**Description**	View east-northeast from eastern portion of the Western Parcel at ongoing foundation contouring and buildup associated with vehicle bridge ramp.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View northeast from western portion of Eastern Parcel at ongoing foundation contouring and compaction.

Photo 3

Location	SERC – Eastern Parcel	Description	View west from eastern portion of Eastern Parcel at flatbed trailer delivering parts of the utility bridge.

Photo 4

Location	SERC – Eastern Parcel	Description	View northwest from eastern portion of Eastern Parcel at ongoing construction of infrastructure foundation.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View northwest from eastern end of Eastern Parcel at Dale Avenue entrance expansion.

Photo 6

Location	SERC – Eastern Laydown	**Description**	View northeast from the western portion of Eastern Laydown at large pieces of above-ground power plant equipment in storage prior to installation.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 8, 2019	Cara Snellen	0600-1445

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-79	2-7	0.0 in	Good	overcast in early a.m.

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ductwork, piecemeal concrete, excavation/trenching, material movement, dust suppression; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, dirt movement and contouring/compaction, concrete pours at parcel driveway and foundation pillars, tank pipework, dust suppression, gravel delivery, movement of equipment/materials; reporting (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Eurasian collared dove (*Streptopelia decaocto*) observed in incubation position on the known nest on the SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), red-tailed hawk (*Buteo jamaicensis*), barn swallow (*Hirundo rustica*), Allen's hummingbird (*Selasphorus sasin*), great egret (*Ardea alba*)

Photo 1

Location	SERC – Western Parcel	Description	Movement of pipes for installation at foundation in West parcel, facing east.

Photo 2

Location	SERC –Western Parcel	Description	Trenching in West parcel, facing southwest.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Concrete finishing of poured driveway in East parcel, facing northeast.

Photo 4

Location	SERC – Eastern Parcel	**Description**	Concrete pour at duct housing within foundation in East parcel, facing southwest.

Photo 5

Location	SERC –Eastern Parcel	Description	Movement of materials in East parcel, facing east.

Photo 6

Location	SERC – Eastern Parcel	Description	Dirt movement, contouring, and compaction around foundation in East parcel, facing southwest.

Photo 7			
			
Location	SERC –SCE East Parcel	**Description**	Unloading of materials in SCE East parcel, facing south.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 9, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 78	0 – 9	0.0 in	Good	cloudy early, then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, concrete pour, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) sitting on nest, SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View southwest from west end of the Eastern Parcel at ongoing construction of the utility bridge. When complete, the bridge will be hoisted into position crossing over the Stanton Storm Channel.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View southwest from western portion of Eastern Parcel at ongoing parcel foundation contouring work.

Photo 3

Location	SERC – Eastern Parcel	Description	View south-southwest from central portion of Eastern Parcel at infrastructure foundation concrete pour.

Photo 4

Location	SERC – Western Parcel	Description	View east-northeast from central portion of Western Parcel at ongoing piecemeal excavation work.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 12, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 79	0 – 11	0.0 in	Good	partly cloudy early, then sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) sitting on nest, SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- A deceased Eurasian collared dove was encountered on the Western Parcel and a Wildlife Observation Report was submitted to the Project Designated Biologist.

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: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View northwest from central portion of the Eastern Parcel at infrastructure foundation concrete finishing work.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View northwest from central portion of Eastern Parcel at ongoing construction of infrastructure foundation forms (right) and electrical work (left).

Photo 3

Location	SERC – Eastern Laydown	**Description**	View west-northwest from southeast portion of Eastern laydown at receiving (left) and movement of (right) construction materials and equipment .

Photo 4

Location	SERC – Eastern Parcel	**Description**	View south from outside of Eastern Laydown at the expanded Dale Avenue entrance to the Eastern Parcel. Entrance needed expansion to accommodate large trucks and equipment for continuing power plant construction.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View south from central portion of Eastern Parcel at ongoing piecemeal excavation work. Excavation only extends into previously laid base

Photo 6

Location	SERC – Western Laydown	**Description**	View north-northeast from vehicle bridge ramp of truck delivering materials to Western Laydown area.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 13, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 82	0 – 8	0.0 in	Good	partly cloudy early, then sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, piecemeal excavation, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) nest, SCE West parcel tower, inactive today. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None.

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View south of the Eastern Parcel from the vehicle bridge at ongoing utility bridge construction.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of Eastern Parcel at ongoing construction of infrastructure foundation forms.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View southwest from western portion of Eastern Parcel at ongoing electrical work associated with ductworks.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of Eastern Laydown at ongoing construction of infrastructure foundation forms.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View southeast from eastern portion of Eastern Parcel at work in preparation for laying additional rumble plates inside expanded Dale Avenue Parcel entrance.

Photo 6

Location	SERC – Eastern Laydown	**Description**	View northwest from southeast portion of Eastern Laydown at continuing buildup of material and equipment for use in the power plant construction.

Photo 7

Location	SERC – Eastern Parcel	**Description**	View west-southwest from central portion of Eastern Parcel at ongoing construction associated with the electrical ductworks.

Photo 8

Location	SERC – Eastern Parcel	**Description**	View east-southeast from eastern portion of the Eastern Parcel at the completed, newly expanded Dale Avenue entrance to the Eastern Parcel. Entrance needed expansion to accommodate large trucks and equipment for continuing power plant construction.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 14, 2019	Ken Levenstein	0600 - 1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61 – 83	0 – 7	0.0 in	Good	fog, overcast early, then sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, piecemeal excavation, movement of equipment/materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, concrete pour, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) was observed on the nest, SCE West parcel tower, today. Status of nest unclear. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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.

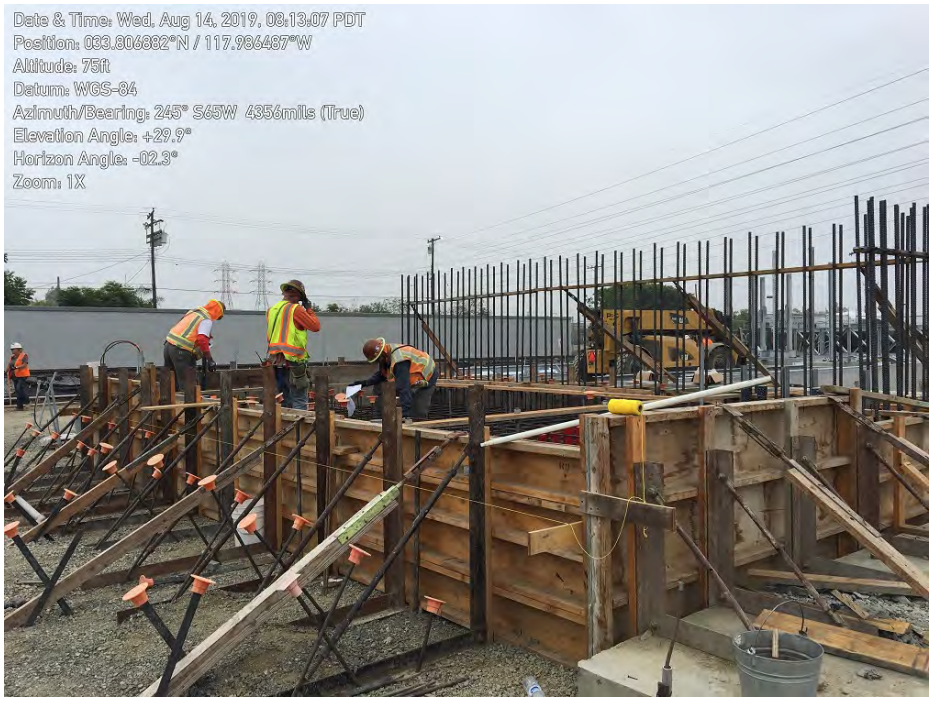
Wildlife Species Observed:

Birds: turkey vulture (*Cathartes aura*), American kestrel (*Falco sparverius*), killdeer (*Charadrius vociferus*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of Eastern Parcel at a foundation concrete pour in progress.

Photo 2



Location	SERC – Eastern Parcel	**Description**	View southwest from central portion of Eastern Parcel at ongoing construction of infrastructure foundation forms.

Photo 3

Location	SERC – Western Parcel	**Description**	View east from eastern portion of Western Parcel at the vehicle bridge, which is now open. Pedestrians cross to the north (left) of orange barricades.

Photo 4

Location	SERC – Western Parcel	**Description**	View south-southwest from eastern portion of Western Parcel at ongoing electrical work associated with the water demineralization system.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View south-southwest from western portion of Eastern Parcel at ongoing utility bridge construction.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View southwest from central portion of Eastern Parcel at ongoing construction associated with the ductworks.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 15, 2019	Ken Levenstein	0600 - 1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 82	0 – 6	0.0 in	Good	fog, overcast early, then sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, concrete pour, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

Eurasian collared dove (*Streptopelia decaocto*) again observed at the nest, SCE West parcel tower, today. Status of nest unclear. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: turkey vulture (*Cathartes aura*), American kestrel (*Falco sparverius*), killdeer (*Charadrius vociferus*), Eurasian collared dove, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View east-southeast from central portion of Eastern Parcel at ironworkers moving rebar.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View northwest from eastern portion of Eastern Parcel at ERU 1 foundation concrete pour.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Another view (west) from eastern portion of Eastern Parcel at ERU 1 foundation concrete pour.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View southeast from eastern portion of Eastern Parcel at “cement” truck washout stations. Plastic sheeting visible is for containment.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View west from western portion of Eastern Parcel at ongoing utility bridge construction work.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View southwest from eastern portion of Eastern Parcel at completed ERU 1 foundation concrete pour. Twenty-nine “cement” truckloads were used for the foundation.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 16, 2019	Cara Snellen	0600-1455

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64-77	3-7	0.0 in	Good	overcast in early a.m.

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; pipe fabrication, piecemeal excavation, dirt movement/contouring, material movement, dust suppression; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, steel framing, utility bridge work, dust suppression, gravel delivery, gravel movement and contouring, movement of equipment/materials; reporting (see Photo Log).

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- A Cooper's hawk (*Accipiter cooperii;* California Department of Fish and Wildlife Service [CDFW] Watch List [WL]) was observed flying over the site.

Nesting Bird Observations:

- A pair of Eurasian collared doves (*Streptopelia decaocto*) were observed perched on the SCE West parcel tower. However, the birds did not approach the nest and no activity was visible. Status of the nest is unknown. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: Eurasian collared dove, Cooper's hawk, mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), European starling (*Sturnus vulgaris*), Allen's hummingbird (*Selasphorus sasin*), common raven (*Corvus corax*), Cassin's kingbird (*Tyrannus vociferans*), turkey vulture (*Cathartes aura*)

Photo 1

Location	SERC – Western Parcel	Description	Piecemeal excavation in West parcel, facing east.

Photo 2

Location	SERC –Western Parcel	Description	Dirt movement and contouring in West parcel, facing southeast.

Photo 3

Location	SERC – Eastern Parcel	Description	Ongoing foundation construction in East parcel, facing east.

Photo 4

Location	SERC – Eastern Parcel	Description	Erection of steel framework in East parcel, facing southwest.

Photo 5

Location	SERC –Eastern Parcel	Description	Gravel delivery in East parcel, facing south.

Photo 6

Location	SERC – Eastern Parcel	Description	Gravel movement and contouring in East parcel, facing west.

Photo 7

Location	SERC –SCE West Parcel	Description	Movement of materials in SCE West parcel, facing northeast.

Photo 8

Location	SERC –SCE East Parcel	Description	Movement and unloading of materials in SCE East parcel, facing northeast.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 19, 2019	Ken Levenstein	0600 - 1515

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 81	0 – 4	0.0 in	Good	Overcast until mid-morning, then sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

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

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, slurry pour, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

Greek Orthodox Church Laydown – Surveyed church parking lot and surrounding area (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs.

Dale Avenue Pipeline, Northern Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

None.

Other Biological Resources Observations:

- None.

Other Observations/Comments:

- None.

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: Killdeer (*Charadrius vociferus*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View southwest from west end of Eastern Parcel at ongoing utility bridge construction work.

Photo 2

Location	SERC – Eastern Parcel	**Description**	Another view (southeast) from west end of Eastern Parcel at ongoing utility bridge construction work.

Photo 3

Location	SERC – Eastern Laydown	**Description**	View west from eastern portion of Eastern Laydown at receiving and moving of construction materials.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View west-northwest from central portion of Eastern Parcel at ongoing foundation contouring work. The Parcel foundation is now being brought up to grade, even with the concrete foundations.

Photo 5

Location	SERC – Eastern Parcel	**Description**	Another view (northwest) from central portion of Eastern Parcel at the Parcel foundation in the foreground, and in the background, a portion of concrete infrastructure foundation is visible, at the same level.

Photo 6

Location	SERC – Western Laydown	**Description**	View northwest from vehicle bridge at the Western Laydown.

Photo 7

Location	SERC – Western Parcel	**Description**	View southeast from eastern portion of Western Parcel at base material being moved to far side of water demineralization master control unit to begin bringing this area of parcel up to the same level as concrete foundations.

Photo 8

Location	SERC – Eastern Parcel	**Description**	View southeast from eastern portion of Eastern Parcel at ongoing infrastructure foundation work. Newly poured slurry visible in center of photo.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 20, 2019	Ken Levenstein	0600 - 1515

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 82	0 – 8	0.0 in	Good	Sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, ground contouring and compaction, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

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

Dale Avenue Pipeline, Northern Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt saw-cutting work, reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

None.

Other Biological Resources Observations:

- A deceased northern mockingbird (*Mimus polyglottos*) was found in the Southwest corner of the Western Parcel. Approximate coordinates: 33.8066550, -117.9890398. A SERC Wildlife Observation Form will be submitted to the SERC Designated Biologist.

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: Killdeer (*Charadrius vociferus*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), mitred parakeet (*Psittacara mitrata*), Cassin's kingbird (*Tyrannus vociferans*), American crow (*Corvus brachyrhynchos*), northern mockingbird, European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View southwest from western portion of Eastern Parcel at ongoing infrastructure foundation construction work.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View southwest from western portion of Eastern Parcel at ongoing utility bridge construction work.

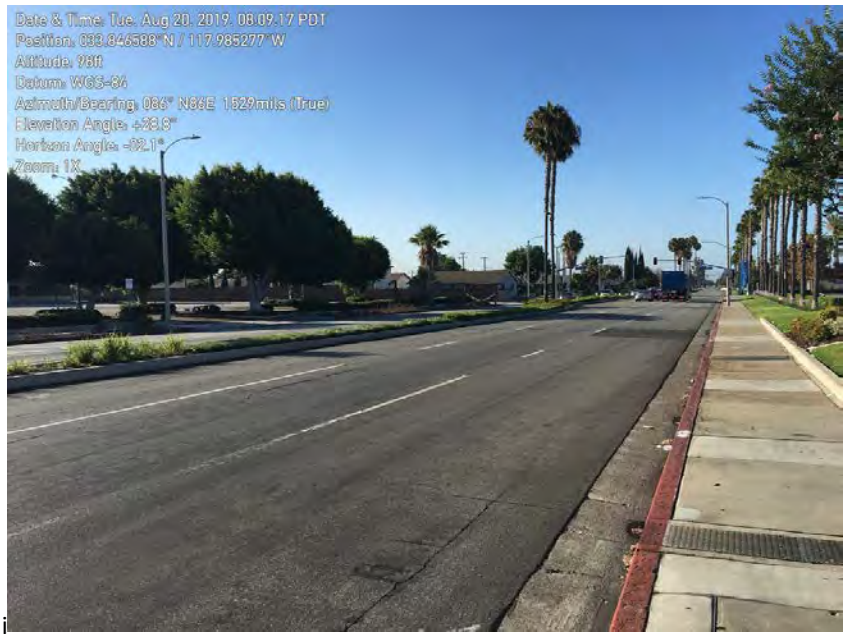
Photo 3

Location	SERC – Eastern Parcel	**Description**	View north from western portion of Eastern Parcel at ongoing piecemeal excavation work. Excavation is into base material only and does not include native soil.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of Eastern Parcel at ongoing foundation contouring work. Water being sprayed for dust suppression.

Photo 5



Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View south-southeast from near southwest corner of Dale and La Palma Avenues at location of asphalt pavement saw-cutting work to begin today.

Photo 6

Location	SERC – Greek Orthodox Church Laydown	**Description**	View south from parking area at north end of Laydown. Materials are being brought in and staged for work about to begin on the Dale Avenue Gas Pipeline.

Photo 7

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View south-southeast from intersection of Dale Avenue and the southeast entrance lane to the Buena Park Downtown Mall. Lane is being closed for asphalt saw-cutting work about to begin.

Photo 8

Location	SERC – Eastern Parcel	**Description**	View southwest from central portion of Eastern Parcel at forklift maneuvering wooden track pieces for crane into place.

Photo 9

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View north from intersection of Dale Avenue and the southeast entrance lane to the Buena Park Downtown Mall. Approximately 500 feet of asphalt saw-cutting completed today.

Photo 10

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View south, mid-afternoon, from intersection of Dale Avenue and the southeast entrance lane to the Buena Park Downtown Mall as saw-cutting work was wrapping up for the day. See Photo 7 for the same location prior to initiation of saw-cutting work.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 21, 2019	Ken Levenstein	0600 - 1530

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 85	0 – 8	0.0 in	Good	Sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

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

Dale Avenue Pipeline, Northern Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt saw-cutting work, reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

None.

Other Biological Resources Observations:

- None.

Other Observations/Comments:

- None.

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

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

Photo 1

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View south-southeast from Dale Avenue adjacent to the NE Buena Park Downtown Mall Laydown. Cones are being laid out to indicate lane is closed for asphalt saw-cutting work which will begin soon.

Photo 2

Location	SERC – Greek Orthodox Church Laydown	**Description**	View north from southern portion of Laydown. Materials are being brought in and staged for work about to begin on the Dale Avenue Gas Pipeline.

Photo 3

Location	SERC – Greek Orthodox Church Laydown	**Description**	View northeast from central portion of Laydown at pipefitters working on pipe for the natural gas pipeline.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View of ongoing electrical work.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View southeast from eastern portion of Eastern Parcel at water being sprayed for dust suppression.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View northeast from eastern portion of Eastern Parcel at ongoing piecemeal excavation work.

Photo 7

Location	SERC – Eastern Parcel	**Description**	View northeast from central portion of Eastern Parcel at ongoing infrastructure foundation construction work.

Photo 8

Location	SERC – Eastern Parcel	**Description**	View west from western portion of Eastern Parcel at ongoing utility bridge construction work.

Photo 9

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View north on Dale Avenue of asphalt saw-cutting work wrapping up for the day.

Photo 10

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View west on Dale Avenue of asphalt saw-cutting work wrapping up for the day.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 22, 2019	Ken Levenstein	0600 - 1530

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
66 – 81	0 – 9	0.0 in	Good	Overcast early then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, concrete pour, receiving of base, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

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

Dale Avenue Pipeline, Northern Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt saw-cutting work, install and weld steel plates, reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

None.

Other Biological Resources Observations:

- None.

Other Observations/Comments:

- None.

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: American kestrel (*Falco sparverius*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), mitred parakeet (*Psittacara mitrata*), black phoebe (*Sayornis nigricans*), American crow (*Corvus brachyrhynchos*), common raven (*Corvus corax*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View south-southeast from central portion of Eastern Parcel at forklift and workers maneuvering wooden crane tracks into place.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View east-northeast from central portion of Eastern Parcel at workers getting ready for concrete pour.

Photo 3

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View north-northwest from Dale Avenue at asphalt cutter taking a quick break from working on the natural gas pipeline route.

Photo 4

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View north-northeast from Dale Avenue and SE entrance to Buena Park Downtown Mall. Workers are standing on portion of pipeline route where asphalt has been cut and removed. Intersection of Dale and Lincoln Avenues visible in the distance.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View south-southeast from eastern portion of Eastern Parcel at worker compacting base and water being sprayed for dust suppression.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View west-northwest from eastern portion of Eastern Parcel at truck delivering base material and water being sprayed for dust suppression. Ongoing concrete pour visible in background.

Photo 7

Location	SERC – Eastern Parcel	**Description**	View southwest of forklift moving piece of power plant equipment to Eastern Parcel from Eastern Laydown.

Photo 8

Location	SERC – Eastern Parcel	**Description**	View southwest from central portion of Eastern Parcel at concrete finishing work in progress following this morning's pour.

Photo 9

Location	SERC – Eastern Laydown	**Description**	View north-northwest of small portion of power plant equipment in storage prior to installation sometime later during construction .

Photo 10

Location	SERC – Western Laydown	**Description**	View from vehicle bridge of trucks lined up in new Western Laydown parking area and equipment being delivered (at center of photo).

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 23, 2019	Cara Snellen	0600 - 1515

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67 - 80	3 – 10	0.0 in	Good	Overcast in the morning

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, gravel (base) delivery, ground contouring and compaction, steel framework assembly, dust suppression, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

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

Dale Avenue Pipeline, Northern Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt removal, trench excavation and shoring, replace and weld steel plates; reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

None

Other Biological Resources Observations:

- A deceased bird was reported at the Western Parcel driveway entrance but disappeared prior to biologist follow-up.

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 kestrel (*Falco sparverius*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), mitred parakeet (*Psittacara mitrata*), black phoebe (*Sayornis nigricans*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Allen's hummingbird (*Selasphorus sasin*), Western gull (*Larus occidentalis*), Cassin's kingbird (*Tyrannus vociferans*), turkey vulture (*Cathartes aura*), killdeer (*Charadrius vociferus*), Western fence lizard (*Sceloporus occidentalis*)

Photo 1

Location	SERC – Eastern Parcel	Description	View southeast from central portion of Eastern Parcel at gravel (base) delivery and ground contouring/compaction work.

Photo 2

Location	SERC – Eastern Parcel	Description	View southwest from western portion of Eastern Parcel at steel framework assembly and erection.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View southwest from central portion of Eastern Parcel at ongoing foundation work.

Photo 4

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View east from Dale Avenue at asphalt removal along the gas line route – northern section.

Photo 5

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View southwest from Dale Avenue center divider at trench excavation and shoring along gas line route –northern section directly adjacent to the Buena Park Downtown Mall.

Photo 6

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View southeast from Dale Avenue at plate welding during clean-up along the las line route –northern section.

Photo 7

Location	SERC – Greek Orthodox Church Laydown Yard	**Description**	View south at pipe fabrication in the Greek Church Laydown.

Photo 8

Location	SERC – Western Parcel	**Description**	View southeast at electrical work on water demineralization unit in Western parcel.

Photo 9

Location	SERC – Eastern Laydown	Description	View west of pipe cutting in Eastern Laydown (SCE East).

Photo 10

Location	SERC – Western Laydown	Description	View from vehicle bridge of workers moving/organizing materials in Western Laydown (SCE West).

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 26, 2019	Cara Snellen	0600 - 1230

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69 - 88	2 – 10	0.0 in	Good	Partly cloudy in the morning

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, gravel (base) delivery, slurry pour, ground contouring and compaction, steel framework erection, dust suppression, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

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

Dale Avenue Pipeline, Northern Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Trench excavation and shoring, potholing; reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- A Cooper's hawk (*Accipiter cooperii;* California Department of Fish and Wildlife Service [CDFW] Watch List [WL]) was observed flying over the site.

Nesting Bird Observations:

None

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Allen's hummingbird (*Selasphorus sasin*), Western gull (*Larus occidentalis*), Cassin's kingbird (*Tyrannus vociferans*), Cooper's hawk

Photo 1			
			
Location	SERC – Eastern Parcel	**Description**	View southwest from central portion of Eastern Parcel at gravel (base) delivery.
Photo 2			
			
Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of Eastern Parcel at ground contouring.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View northwest from central portion of Eastern Parcel at pre-fabricated concrete material installation as part of ongoing foundation work.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View northeast from central portion of Eastern Parcel at slurry pour as part of ongoing foundation work.

Photo 5

Location	SERC – Eastern Parcel	Description	View west from central portion of Eastern Parcel at steel framework erection.

Photo 6

Location	SERC – Western Laydown	Description	View north of material unpacking/organization in the Western Laydown (SCE West).

Photo 7

Location	SERC – Eastern Laydown	**Description**	View west of material movement in Eastern Laydown (SCE East).

Photo 8

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View south from Dale Avenue center divider at trench excavation and shoring along gas line route –northern section directly adjacent to the Buena Park Downtown Mall.

Photo 9			
			
Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View southwest from Dale Avenue center divider at potholing along gas line route –northern section directly south of the Buena Park Downtown Mall service road intersection.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 26, 2019	Ken Levenstein	0600 - 1530

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70 – 91	0 – 9	0.0 in	Good	Partly cloudy early then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, concrete pour, receiving of base, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

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

Dale Avenue Pipeline, Northern Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt saw-cutting work, install and weld steel plates, reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

None.

Other Biological Resources Observations:

- None.

Other Observations/Comments:

- None.

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

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

Photo 1

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View north from just north of West Lincoln/Dale Avenue intersection at pipeline workers staging equipment.

Photo 2

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View southwest from Dale Avenue at workers measuring for locations of asphalt removal on the natural gas pipeline route.

Photo 3

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View southwest from Dale Avenue at asphalt cutter working on the natural gas pipeline route.

Photo 4

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View northwest from Dale Avenue at ongoing asphalt removal.

Photo 5

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View south along Dale Avenue from north of West Lincoln Avenue intersection at ongoing asphalt removal.

Photo 6

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View south-southwest along Dale Avenue from north of West Lincoln Avenue intersection at ongoing asphalt removal. Here an excavator is removing large chunks of asphalt following work by smaller machines.

Photo 7

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View southwest of front-loader moving steel plate in place for installation along Dale Avenue natural gas pipeline route following asphalt removal.

Photo 8

Location	SERC – Eastern Parcel	**Description**	View southeast from vehicle bridge at steelworkers engaged in construction of utility bridge extension..

Photo 9

Location	SERC – Eastern Parcel	**Description**	View east-southeast from central portion of Eastern Parcel at forklift maneuvering concrete plate into place along portion of ductworks.

Photo 10

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View east-southeast from Dale Avenue near SE entrance to Buena Park Downtown Mall at workers engaged in placing steel plates over excavation prior to end of the day.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 27, 2019	Cara Snellen	0700 - 1400

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68 - 83	2 – 10	0.0 in	Good	None

Location(s) of Work Site Activities Monitored

SERC gas pipeline route – Bio-monitoring during Project construction. 2nd crew working Carbon Creek section of pipeline south of Lincoln Avenue between Carbon Creek bridge and Broadway Avenue.

Dale Avenue Pipeline, Carbon Creek Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt cutting/grinding and removal; reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- A Cooper's hawk (*Accipiter cooperii;* California Department of Fish and Wildlife Service [CDFW] Watch List [WL]) was observed flying over the site.

Nesting Bird Observations:

None

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

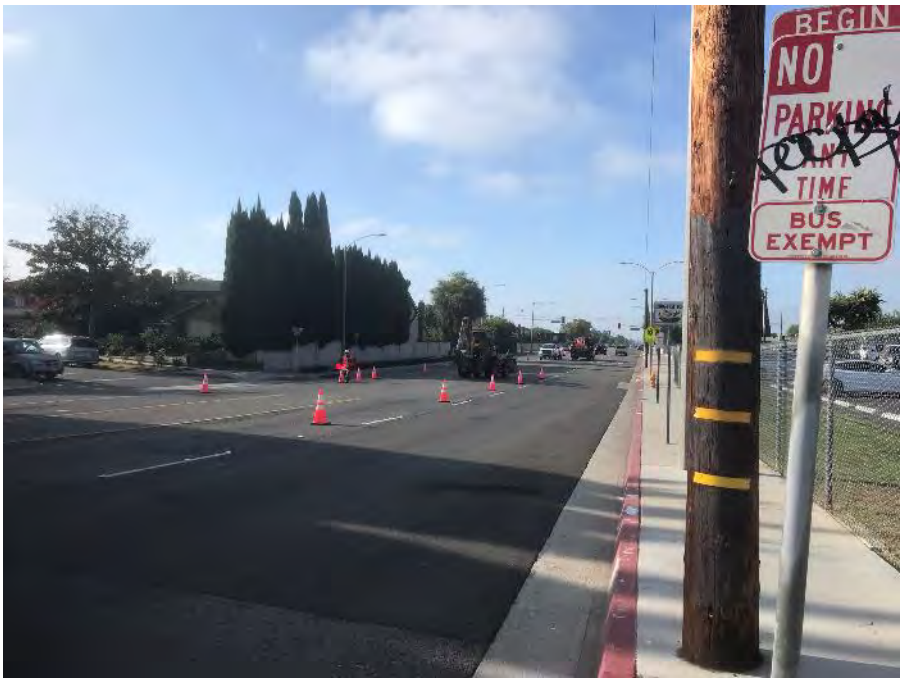
Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Allen's hummingbird (*Selasphorus sasin*), barn swallow (*Hirundo rustica*), Cassin's kingbird (*Tyrannus vociferans*), Cooper's hawk

Photo 1



Location	SERC – Dale Avenue Gas Pipeline – Carbon Creek Section	**Description**	View south from west side of Dale Avenue of traffic control set-up along Carbon Creek section of gas pipeline route south of Lincoln Avenue between Carbon Creek bridge and Broadway Avenue directly adjacent to Schweitzer elementary school.

Photo 2

Location	SERC – Dale Avenue Gas Pipeline – Carbon Creek Section	**Description**	View south from east side of Dale Avenue of traffic preparations for asphalt cutting along Carbon Creek section of gas pipeline route.

Photo 3

Location	SERC – Dale Avenue Gas Pipeline – Carbon Creek Section	**Description**	View north from east side of Dale Avenue of asphalt cutting along Carbon Creek section of gas pipeline route.

Photo 4

Location	SERC – Dale Avenue Gas Pipeline – Carbon Creek Section	**Description**	View south from east side of Dale Avenue of asphalt removal along Carbon Creek section of gas pipeline route.

Photo 5

Location	SERC – Dale Avenue Gas Pipeline – Carbon Creek Section	**Description**	View north from east side of Dale Avenue of steel plate delivery/unloading along Carbon Creek section of gas pipeline route.

Photo 6

Location	SERC – Dale Avenue Gas Pipeline – Carbon Creek Section	**Description**	View south from east side of Dale Avenue of steel plate installation over removed asphalt along Carbon Creek section of gas pipeline route.

Photo 7			
			
Location	SERC – Dale Avenue Gas Pipeline – Carbon Creek Section	**Description**	View north from center of Dale Avenue of clean-up activities (adding cold asphalt at steel plate gaps) along Carbon Creek section of gas pipeline route.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 27, 2019	Ken Levenstein	0600 - 1530

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67 – 86	0 – 8	0.0 in	Good	Partly cloudy early then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, concrete pour, receiving of base, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

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

Dale Avenue Pipeline, Northern Section – Surveyed area adjacent to pipeline (as accessible) for nesting activity. Checked for potential bird/wildlife/Project interactions and compliance with COCs. Asphalt saw-cutting work, install and weld steel plates, reporting. (see Photo Log).

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

None.

Other Biological Resources Observations:

- None.

Other Observations/Comments:

- None.

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

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

Photo 1

Location	SERC – Eastern Parcel	**Description**	View southwest from western portion of Eastern Parcel at ongoing ground contouring work.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View southeast from west end of Eastern Parcel at steelworkers engaged in utility bridge extension construction work.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View southwest from central portion of Eastern Parcel ARB personnel inspecting a new piece of equipment.

Photo 4

Location	SERC – Eastern Laydown	**Description**	View northeast from Parcel entrance to Eastern Laydown at forklift moving heavy wooden track pieces for large crane that will be arriving onsite within the next week.

Photo 5

Location	SERC – Eastern Laydown	**Description**	View northeast from southeast portion of Eastern Laydown at rapidly accumulating SERC components ready to used in construction.

Photo 6

Location	SERC – Dale Avenue Gas Pipeline – Northern Section	**Description**	View south along Dale Avenue from adjacent to the Buena Park Downtown Mall at ongoing pipeline trench excavation.

Photo 7

Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of Eastern Parcel at a slurry pour in process.

Photo 8

Location	SERC – Eastern Parcel	**Description**	View southeast from eastern portion of Eastern Parcel at newly poured slurry berm.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 28, 2019	Ken Levenstein	0600 - 1530

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67 – 82	0 – 7	0.0 in	Good	Partly cloudy then sunny and warm

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dust suppression, pipe fabrication, electrical work on water de-min system master control unit, movement of equipment/materials; reporting.

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of ductwork, utility rack, generator, and stack foundations, concrete pour, piecemeal excavation, ground contouring and compaction, dust suppression, utility bridge construction, movement of equipment/materials; reporting. (see Photo Log).

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

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

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

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

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

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

None.

Other Biological Resources Observations:

- None.

Other Observations/Comments:

- None.

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: American kestrel (*Falco sparverius*), killdeer (*Charadrius vociferous*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View south-southwest from central portion of Eastern Parcel at ongoing ground contouring work.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View northwest from central portion of Eastern Parcel at newly poured concrete foundation addition.

Attachment 5 – CIVIL

Attachment 5 has been deliberately left blank in this reporting period

Attachment 6 – Cultural Resources

JACOBS

Memorandum

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

Subject **Stanton Energy Reliability Center (16-AFC-1C)**
Cultural Resources Monthly Compliance Report
August 2019

To: Tim Bofman, SERC, LLC

From: Phil Reid, Jacobs
SERC CEC Designated Cultural Resources Specialist

Date: September 6, 2019

Copies: Sharon Stureman, SERC, LLC
Doug Davy, Jacobs
Karen Parker, Jacobs

1. Introduction

This August 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from August 1 through August 31, 2019 at the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California and on the associated natural gas 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.

2. Personnel Active in Cultural Monitoring This Period

Gena Granger, Jennifer McElhoes, Natalie Lawson, Ryan Moritz, John McDermott, and Gloriella Cardenas participated as CRMs for this month. Robert Dorame served as Native American Monitor.

3. Number of CRMs and NAMs on a Daily Basis

Table 1 lists the number of CRMs and NAMs on a daily basis for this month.

Table 1. Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
8/1/19	1	1
8/2/19	1	1
8/5/19	1	1

Table 1. Number of CRMs and NAMs Present, by Date		
Date	**CRMs**	**NAMs**
8/6/19	1	1
8/7/19	1	1
8/8/19	1	1
8/9/19	1	1
8/23/19	1	1
8/26/19	2	1
8/27/19	2	1
8/28/19	2	1
8/29/19	2	1
8/30/19	2	1
Total CRM/NAM-Days	18	13

4. Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Thursday August 1, 2019. Activities monitored included duct bank and fire-water line trenching and miscellaneous shallow excavations of fill soils on Parcels 1 and 2. Excavations occurred to depths of 1 to 5 feet. Observed fill soils included medium brown silty sand with various unsorted gravels to depth in some locations. Undisturbed native soils were observed in the deeper parts of temporary drain line excavations at approximately 3 feet in Parcel 2. Native soils are light to yellow, fine- to medium-grained sands underlain by similar sands with some silty gray clay. Monitoring of excavations at the SERC plant site is now on hiatus as no excavations in native soils will take place until the switching gear vault and tie-in commences.

Additionally, the installation of the natural gas pipeline to serve the SERC plant commenced on the 23rd of August. Native soils were observed at approximately 3-8 feet depending on location. Approximately 500 feet of pipeline installation and excavation of several utilities location pits were monitored.

There were no cultural resource finds this month.

5. Fulfillment Requirements of Each Cultural Resources 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	**In compliance** • Owner has appointed CRS and Alternate CRS. CRS is directing monitoring. • CRS has obtained services of

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	**Requirements**	**State of Compliance**
	• CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs) • CRS may obtain services of additional technical specialists as needed.	CRMs and NAMs • No additional technical specialists have been required
CUL-2: Information to be Provided to CRS	• Owner must provide CRS with project information including the Application for Certification, cultural resources reports, data request responses, Final Staff Assessment, and Commission Decision, and project designs and maps. • Owner must provide CRS with a weekly construction schedule • Owner must notify CRS of any changes to construction phases.	**In compliance** • Owner has provided CRS with project information and maps • Owner provides three-week lookahead schedule weekly • There have been no changes to the construction phases.
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	• The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.	**In compliance** • The CRMMP has been prepared and approved by the CPM
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	**Not applicable** – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	• The CRS must prepare a WEAP training module and brochure describing the potential for cultural resources discovery, procedures to follow in case of emergency discovery, and penalties for non-compliance. • 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	**In compliance** • No cultural resources have been found • No human remains have been

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	**Requirements**	**State of Compliance**
	• 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.	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.

6. Summary of the Confidential Appendix – Finds Made this Period

No cultural resources discoveries were made during monitoring activities this month.

7. Concordance Table of Artifacts

No concordance table of artifacts is needed for this month because no finds were made, and no artifacts were collected.

8. 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 August 1 through August 31, 2019, a total of 79 persons completed the SERC WEAP training. The hardcopy sign-in training logs for the August 2019 reporting period are included the Biological Resources Monthly Compliance Report.

9. Anticipated Changes in the Next Period

Installation of the natural gas pipeline will continue in the following month. CRMs will be on site to perform monitoring and respond to discoveries if they occur. Refinement of the monitoring approach for the pipeline will be coordinated with the CEC and SERC.

10. 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
August 2019

Prepared For: Doug Davy, Jacobs
Karen Parker, Jacobs

Prepared By: Niranjala Kottachchi, Paleontological Resources Specialist

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

Personnel Active in Paleontological Monitoring This Period

Jeanette Maldonado was the primary Paleontological Resources Monitor (PRM) for this month. Additional paleontological monitors on site during this reporting period included Richard Serrano and Jaspal Saini.

Construction activities at the SERC plant site requiring paleontological monitoring terminated on August 9, 2019 and no further ground disturbing activities requiring paleontological monitoring are expected. Pipeline construction by SoCal Gas requiring paleontological monitoring began on August 23, 2019.

Table 1 below depicts the activities which took place week by week for the month of August 2019.

Paleontological Resources Discoveries This Period

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

Anticipated Work and/or Changes in the Next Period

Excavations for the pipeline by SoCal Gas will continue in September. The need for paleontological monitoring will be re-evaluated periodically by the PRS based on conditions encountered in the field and information provided by the contractor.

Comments, Issues or Concerns

None to report.

Table 1. Monitoring and Associated Activities This Period

Week	Location	Activity	Stratigraphy	Paleontological Resources
1	SERC Parcel 1	Trenching for electrical grounding cables and conduits	Engineered fill	No paleontological resources were observed

Week	Location	Activity	Stratigraphy	Paleontological Resources
2	SERC Parcel 1 (At the Dale entrance) SERC Parcel 2	**1.** Trenching 1 foot deep to widen sidewalk at Dale entrance Excavations 2 feet deep for temporary power lines also took place **2.** Excavations to a depth of 7.5 feet for a trench for a drainage pipe between the bridge and water treatment	**1.** Engineered fill **2.** Engineered fill	No paleontological resources were observed
3		**No Activities**		
4	SoCalGas Dale Ave south of La Palma	SoCal Gas pipeline installation. Trench was 2 feet wide and 5.5 feet deep. Bell hole excavations were 4 feet wide and 6 feet deep, excavated at 15-20 feet intervals	Upper 1-2 feet were disturbed sediment with poorly indurated light beige sands below	No paleontological resources were observed
5	SoCalGas **1.**Dale Ave (south of La Palma and north of Crescent) **2.** South of 900 St along Dale Ave **3.** South of Station #1200 southbound Dale Ave **4.** Dale Ave (south of Buena Park Downtown) **5.** Station #6350 at	**1.**Gas pipeline installation reaching depths of 8 feet to go under an existing pipeline that transects the trench. Trench depth returned to approximately 5.5 feet in depth thereafter. Trench width was 26 inches. Potholing also took place varying in depth from 3 to 6.5 feet **2.** Excavations of a trench measuring 125 feet long, 26 inches wide and 8 feet in depth **3.** Excavations of a trench 100 feet long, 26 inches wide and 4 feet deep with bell holes to a depth of 6 feet **4.** Trenching continued southward on Dale Ave	**1.** Upper 1-2 feet consisted of silty loam. From 2 - 6.5 feet, sediment was a poorly indurated light beige sand. Below 6.5 feet, sediment became a moderate to well indurated dark brown sandy clay **2.** Creamy white to gray silty sands **3.** Mostly disturbed sediment in upper 3 feet with native, brown unconsolidated silty sands below **4.** Upper 1-2 feet was silty loam. From 2 feet to maximum depth, sediment was a moderate brown silty sand and well indurated	No paleontological resources were observed

Week	Location	Activity	Stratigraphy	Paleontological Resources
	intersection of Dale Ave and West Tola Place **6.** Station #4900 south of #1540 **7.** South of Station #1700	for a length of 80 feet, 26 inches wide, and 5.5 to 9 feet deep **5.** Trenching 50 feet in length,6 feet wide, and 6 feet deep for HDD exit point **6.** Excavations for a mud pit for HDD 20 feet long,7 feet wide, and 7 feet deep. Pipeline trenching 23 inches wide and 5 - 6 feet deep **7.** Trenching 85 feet, 4 feet wide and 7 feet deep and potholing for electrical line	**5.** Upper 3 feet was disturbed sediment with native light brown to friable silty sands **6.** Upper 4 feet was in disturbed sediment underlain by native, unconsolidated to friable silty sands **7.** Base of trench consisted of native light gray to light brown unconsolidated to friable silty sands	

Attachment A
Daily Monitoring Logs

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/1/2019 8:14:08 PM

Project Location: Stanton, CA

Weather: clear, mid 80s

Monitor(s): nkottachchi

Work Start Time: 06:30

Work End Time: 14:30

Construction Company: Primorse/ARB

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

south of Cerritos Blvd. and west of Dale Ave

Scope of Construction Work Monitored/Equipment Used:

CAT 305C mini excavator

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Trenching for electrical grounding cables and electrical conduits. Work never extended below fill.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Top soil mixed with engineered fill (gravel base)

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed

Additional Comments:

Monitoring was conducted by Richard Serrano

Plan for tomorrow:

Unknown

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/2/2019 2:23:11 PM

Project Location: Stanton, CA

Weather: Sunny 82

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB

Contact(s): Tim Bofman

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

N/A

Scope of Construction Work Monitored/Equipment Used:

None

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

No excavations occurred. Monitors were on standby while ARB crew worked within base.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

N/A

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations may occur starting next week.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/5/2019 2:36:54 PM

Project Location: Stanton, CA

Weather: Sunny 87

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB

Contact(s): Tim Bofman

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

Parcel 1 Dale entrance and along north edge where the east Laydown meets.

Scope of Construction Work Monitored/Equipment Used:

Mini excavator; backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used a backhoe to dig 1' along the sidewalk at the Dale entrance in order to widen it. They also used a mini excavator to dig for temporary power lines roughly 2' deep running south from the north edge and 6" in base.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations were within top sandy loam that showed signs of possible historic refuse and engineered fill (gravel base)

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations are planned to continue tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/6/2019 2:07:17 PM

Project Location: Stanton, CA

Weather: Sunny 87

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB

Contact(s): Tim Bofman

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

Parcel 1 Dale entrance and along the southern border by the railroad tracks

Scope of Construction Work Monitored/Equipment Used:

Backhoe; mini excavator

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used a backhoe to continue to dig 1' deep along the sidewalk at the Dale entrance in order to widen it. They also used a mini excavator to dig for temporary power line 6" into base and grazed the southern wall of disturbed sediment.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations were within top sandy loam that showed signs of possible historic refuse and engineered fill (gravel base)

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations for temp lines are planned to continue.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/7/2019 1:31:14 PM

Project Location: Stanton, CA

Weather: Sunny 80

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB

Contact(s): Tim Bofman

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

Parcel 1 along north road and parcel 2 by water treatment

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used a backhoe to excavate in Parcel 1 for a temp powerful line, roughly 6” in base and into the north wall between the Laydown and parcel 1. ARB also used a backhoe to dig a trench for a drain pipe in parcel 2 in between the bridge and water treatment. This trench went to a depth of 7-5’ in engineered fill and previously disturbed sediment until it reached just west of the water treatment into native.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations are planned to continue tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/8/2019 2:28:11 PM

Project Location: Stanton, CA

Weather: Sunny 80

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB

Contact(s): Tim Bofman

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

Parcel 2 east end by water treatment

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used a backhoe to excavate a trench running west. Depth was roughly 7-4' deep. Trench was for a drainage pipe.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Most excavations were in engineered fill (base). West of the water treatment the sediment was a dark beige sandy loam.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations are planned for tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/9/2019 12:30:50 PM

Project Location: Stanton, CA

Weather: Sunny 80

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB

Contact(s): Tim Bofman

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

Parcel 2 east end by water treatment; parcel 1 along north road

Scope of Construction Work Monitored/Equipment Used:

Backhoe; mini excavation

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used the backhoe to clean up the trench dug yesterday for the drain pipe in parcel 2. In Parcel 1 they used a mini excavator to dig for a temp line instal. This ran north/south across the north road. Cutting into the north wall of disturbed sediment and 6" into engineered fill.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations were within the top 3-4' of dark beige sandy loam and engineered fill.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Any excavations taking place next week are planned to be within the engineered fill. If excavations need to occur within sensitive sediment, the onsite contact will be notified 48hours prior.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/23/2019 9:17:25 AM

Project Location: Buena Park, CA

Weather: 80 sunny

Monitor(s): jmaldonado

Work Start Time: 08:00

Work End Time: 15:30

Construction Company: SoCal Gas/SE pipeline

Contact(s): Alain Mevers

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

Dale Ave. south of La Palma.

Scope of Construction Work Monitored/Equipment Used:

CAT backhoe, shovels, haul truck

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

SoCal Gas used a backhoe to excavate for a Gas pipe installation. The trench is approximately 2' wide with the exception of the bell holes which are 4' wide at every 15-20' interval. The depth of the trench is ~5.5' BGS and ~6' BGS where the bell holes are located. Today's excavation reached a length of ~60' along Dale Ave heading south.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The first 1-2' is disturbed fill (a brown loamy silt with roots and rootlets). Below 2' the sediment is a poorly indurated light beige sand.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed today

Additional Comments:

Arrived onsite at 8am to meet with other monitors and spoke with Alain Meyers from SoCal. We were informed that morning tailboard starts at 7am.

Plan for tomorrow:

Excavations are planned to continue on Monday and include a second backhoe excavating at a separate location.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/26/2019 2:07:48 PM

Project Location: Buena Park, CA

Weather: Sunny 90

Monitor(s): jmaldonado

Work Start Time: 07:00

Work End Time: 15:30

Construction Company: SoCal Gas/SE pipeline

Contact(s): Alain Mevers

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

2 locations on Dale Ave., just south of La Palma and also north of Crescent.

Scope of Construction Work Monitored/Equipment Used:

2 CAT backhoes, shovels, and haul trucks

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

The crew used a backhoe to excavate a trench for gas line installation, working south down Dale Ave. Beginning where they left off on Friday, the trench was extended to a depth of 8' to go under an existing pipeline that transects the trench. Depth of trench gradually decreased going back up to grade at 5-6' BGS. Trench width is 26" and length excavated today was ~60'. They also used a backhoe and shovels to pothole further south of the trench excavation. Potholing varied in depth from ~3-6.5' BGS.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The top 1-2' BGS was a silty loam with visible roots and rootlets. From 2-6.5' BGS sediment was a poorly indurated light beige sands. From 6.5' to max depth the sediment changed to a moderate to well indurated dark brown sandy clay.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed today

Additional Comments:

None

Plan for tomorrow:

Excavations will continue tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleo

Date: 8/26/2019 2:30:09 PM

Project Location: Buena Park

Weather: Sunny and clear; temps 70-90s

Monitor(s): ggranger

Work Start Time: 7:00am

Work End Time: 3:30pm

Construction Company: SE Pipeline Consruction

Contact(s): Alain Mevers

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

South of st 900 along Dale

Scope of Construction Work Monitored/Equipment Used:

Backhoe and hand excavation

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Trenched approximate 125ft length and 26inches wide down to max depth of 8ft. No paleontological resources observed. A few utility services were encountered during the excavation.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Light creamish white to gray silty sands

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources observed.

Additional Comments:

JSaini is monitor for paleo not ggranger

Plan for tomorrow:

Trenching activity and potholing will continue south of the current excavation activity.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

8/26/2019 2:35:50 PM
8/26/2019 2:43:48 PM

Potholing south end of today’s trenching down to maximum depth of 6ft. Dug in all predisturbed sediments 70% and 30% unconsolidated sands.

Trenching activity was carried out north of the pothole location, roughly trenched section 26 inches wide down to maximum depth to 71/2 ft. Dug mainly through disturbed sediments 60% and 40% through unconsolidated sands of recent region.

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/27/2019 2:05:02 PM

Project Location: Buena Park, CA

Weather: Sunny 85

Monitor(s): jmaldonado

Work Start Time: 07:00

Work End Time: 15:30

Construction Company: SoCal Gas/SE pipeline

Contact(s): Alain Mevers

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

On Dale Ave. inbetween La Palma and Crescent

Scope of Construction Work Monitored/Equipment Used:

2 CAT Backhoes, shovels, and haul trucks

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

The crew used a backhoe to excavate a trench for gas line installation, working south down Dale Ave. Beginning where they left off yesterday, the trench was extended by a length of ~150'. Trench width is 26" and depth varied from 5.5' to 8'BGS.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The top 1-2' BGS was a silty loam with visible roots and rootlets. From 2-6.5' BGS sediment was a poorly indurated light beige sands. From 6.5' to max depth the sediment changed to a moderate to well indurated dark brown sandy clay. Further down south of Buena Park Downtown, the sediment from 2' to max depth changed to a more moist moderate brown silty sand.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed today.

Additional Comments:

None

Plan for tomorrow:

Excavations will continue tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleo

Date: 8/27/2019 2:23:37 PM

Project Location: Buena Park

Weather: Nice clear and sunny

Monitor(s): ggranger

Work Start Time: 7:00 AM

Work End Time: 3:30 PM

Construction Company: SE Pipeline Construction

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

South of Station# 1200 along south bound Dale Ave.

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Trenched about 100 ft of length, 26” to 4 ft. in width with bell holes down to maximum depth of 6 ft. Trenched roughly 60% through predisturbed sediments and 40% through native, brownish , unconsolidated silty sands.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed during today’s trenching activities.

Additional Comments:

JSaini was paleo monitor not ggranger

Plan for tomorrow:

One of the two crews will be moving to the south end near the HDD location and other crew will continue at the north end laying pipes in the trench .

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

8/27/2019 3:50:03 PM
8/28/2019 7:32:46 AM

Trenching activity between Station 1200 to 1300.

Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 8/28/2019 10:08:27 AM

Project Location: Buena Park, CA

Weather: Sunny 90

Monitor(s): jmaldonado

Work Start Time: 07:00

Work End Time: 15:30

Construction Company: SoCal Gas/ SE pipeline

Contact(s): Alain Mevers

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

On Dale Ave just south of Buena Park Downtown

Scope of Construction Work Monitored/Equipment Used:

CAT backhoe and haul trucks

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

The crew used a backhoe to excavate a trench for gas line installation, working south down Dale Ave. Beginning where they left off yesterday, the trench was extended by a length of ~80'. Trench width is 26" and depth varied from 5.5' to 9'BGS (deeper sections were to accommodate existing pipelines)

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The top 1-2' BGS was a silty loam with visible roots and rootlets. From 2' to max depth sediment was a moderate brown silty sand, well indurated (because of this, shoring became more lax)

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed today

Additional Comments:

None

Plan for tomorrow:

They will continue excavating tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 8/28/2019 3:30:04 PM

Project Location: Buena Park

Weather: Very nice clear and sunny

Monitor(s): ggranger

Work Start Time: 7:00 AM

Work End Time: 3:30 PM

Construction Company: SE Pipeline Construction

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☐ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

Station # 6350 at the intersection of Dale Ave/ W Tola Pl.

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Trenched about 50 ft of length, 6 ft wide, down to maximum depth of 6 ft. for HDD EXIT POINT.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

Roughly trenched 50% through engineering and predisturbed sediments and 50% through native light brown to

Additional Comments:

This report is for JSAINI Paleo Monitor and not for GGRANGER.

Plan for tomorrow:

Trenching will continuing for HDD EXIT POINT south of Station # 6400 going south along Dale Ave.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

8/28/2019 3:56:51 PM

Trenching for HDD EXIT POINT just south of Station # 6350

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 8/29/2019 3:18:44 PM

Project Location: Buena Park

Weather: Nice clear and sunny.

Monitor(s): ggranger

Work Start Time: 7:00 AM

Work End Time: 3:30 PM

Construction Company: SE Pipeline Construction

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

South of Station # 4900 and South of Stanton # 1540

Scope of Construction Work Monitored/Equipment Used:

Two Backhoes

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

The south end crew trenched for mud pit for HDD, roughly measuring 7 ft in width, 20 ft long down to maximum depth of 7 ft or so. Trenched about 60% through engineering fill/ predisturbed sediments and about 40% through native sediments comprised unconsolidated to friable silty sands. At the north end the other crew continued trenching 23" wide down to maximum depth of 5-6 ft.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered on project site during today's trenching activity.

Additional Comments:

This report is from JSaini and not GGRANGER.

Plan for tomorrow:

Trenching at south end for HDD Entry Pit and trenching for pipeline at the north end will continue.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

8/29/2019 3:48:05 PM
8/29/2019 3:57:47 PM

Trenching for HDD mud pit at south end.

About 160 ft of trenched section at north end along south bound Dale Ave.

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 8/30/2019 2:08:36 PM

Project Location: Buena Park

Weather: Nice, clear and sunny.

Monitor(s): ggranger

Work Start Time: 7:00 AM

Work End Time: 3:30 PM

Construction Company: SE Pipeline Construction

Contact(s):

Did the (sub)contractors work more than 8 hours (Y/N)? ☐ Yes ☒ No

Was the Safety Briefing Attended/Signed: ☒ Yes ☐ No

Project Description:

Just south of Stanton # 1700

Scope of Construction Work Monitored/Equipment Used:

Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Only one crew carried out trenching activity. Roughly trenched 26” to 4 ft wide, down to maximum depth of 7 ft. to about 85 ft in length with minor pot-holing for electrical line. Other crews carried out lowering of pipe in the trench and cutting of asphalt.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed during today’s trenching activity. Bottom at maximum depth of 7 ft was

Additional Comments:

This log Is by JSAINI (Paleo monitor)

Plan for tomorrow:

SE Pipeline plant to have 4 backhoes on site for trenching activity staring coming Tuesday.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Attachment 8 – ELEC-1

Attachment 8 has been deliberately left blank in this reporting period

Attachment 9 – GEN-2 Master Drawing List

Attachment 9 has been deliberately left blank in this reporting period

Attachment 10 – GEN-3 CBO Payment

View Payment History

Payment Information

Status	Confirmed
Confirmation Number	IMAD:0821L4B74B1C000089
Payment Number	49772272
Debit Account	SERC OP - ******6538
Debit Amount	140,727.86 USD
Value Date	08/21/2019
Send Date	08/21/2019
Frequency	One-Time Only
Reference for Recipient	Invoice 130128
Details of Payment	Stanton Energy Reliability Center Invoice# 130128 Project No 550818-0000020.00
Ordering Customer	

Recipient Information

Recipient	NV5 Inc. Account Numbe[redacted] 200 S Park Road STE 350 Hollywood, FL 33021-8798
Recipient Bank	BANK OF AMERICA, N.A., NY ABA [redacted] NEW YORK NY UNITED STATES

Options

Intermediary Bank	
Receiving Bank	
Bank to Bank Information	

Cancel

Attachment 11 – GEN-6 Special Inspectors

ANTHONY CANZONERI | SPECIAL INSPECTOR

CERTIFICATIONS

ICC Structural Steel and Welding Special Inspector
ICC Structural Steel & Bolting Special Inspector
ICC Structural Welding Special Inspector
American Welding Society (AWS) Certified Welding Inspector, No. 01090481
Certified Level II NDT Technician, SNT-TC-1A
Commercial Air Diver - Inspection Specialty (Certified by College of Oceaneering - World Port of Los Angeles)

Mr. Anthony Canzoneri is an experienced welding inspector who is also an ASNT Level II certified NDT technician. He has worked on numerous shop fabrication and field erection projects including Capital East End of the State Capital project in Sacramento. Mr. Canzoneri has extensive experience in the various aspects of multi-story construction, railroad, and bridge applications. He is familiar with visible and fluorescent penetrants, magnetic particle methods, as well as demagnification method. He has excellent ability to keep projects organized and to supervise large projects with several inspectors. Anthony is familiar with shear wave ultrasonic as applied to AWS D1.1 and D1.5 structures and is proficient in performing ASNT-TC-1A Level II Ultrasonic, Magnetic Particles, Liquid Dye-Penetrant, as well as ICC Structural Steel Welding and High Strength Bolting special inspections.

RELEVANT PROJECT INVOLVEMENT / EXPERIENCE

EXXONMOBIL REFINERY ELECTRIC STATIC PRECIPITATOR, TORRANCE

Special Inspector | Mr. Canzoneri provided inspection for this ESP project. The inspection included welding and high strength bolting.

I-405 / SEPULVEDA PASS WIDENING, LOS ANGELES

Special Inspector | Mr. Canzoneri provided visual observation of welding in the field and certification of welders for this major transportation project. Inspections included filet welds for multiple retaining wall structures in the field and in the shop, provided NDT testing for field welds at bridge structures (Bridges 2, 14, 18, and 22), and soldier beams. This project involved the construction of a high profile, $1.1B highway widening project that included removal, replacement, and/or widening of over 20 bridges, installation of MSE retaining walls, realignment of 27 on- and off-ramps, and widening of 13 existing underpasses and structures to reduce traffic congestion. The new Mulholland Bridge profile was widened to be 82’ wide and 608’ long with placement of new columns in the new freeway lane (a HOV lane) that was built on the northbound side of I-405.

EXXONMOBIL REFINERY DESALTER, TORRANCE

Special Inspector | Mr. Canzoneri provided inspection for this ESP project. The inspection included welding and high strength bolting.

CRENSHAW / LAX LRT, CRENSHAW

Special Inspector | Mr. Canzonoeri served as Special Inspector for this major transportation improvement project. Materials tested included structural steel, reinforcing steel and all of the conventional roadway materials testing and structural inspections for concrete, aggregates, soils, and asphalt concrete pavements. This project constructs an 8.5-mile light-rail line that will run between the Expo Line on Exposition Boulevard and the Metro Green Line serving the Crenshaw Corridor, Inglewood, Westchester and the LAX area with eight stations, a maintenance facility, park-ride lots, and five power substations.

EXPO PHASE 2, CULVER CITY - SANTA MONICA

Special Inspector | Mr. Canzonoeri served as Special Inspector for this major transportation improvement project. RMA Group is providing construction testing services for grading, mass reinforced concrete placements, embedded anchorage, stray current-cathodic system, structural steel support installation, aluminum curtain wall glazing system, post tension concrete, grouting, cable railing, scheduling inspections, water proofing install, and concrete pavers; and testing of compaction, concrete, welding, tensioning, epoxy bounding, and rebar.

PLACENTIA AVENUE GRADE SEPARATION, PLACENTIA

Special Inspector | Mr. Canzonoeri served as Special Inspector for the Placentia Avenue Grade Separation Project. The project constructed a vehicle underpass at the intersection of Placentia Avenue and the BNSF railroad. As part of the project, the roadway will be lowered to separate car traffic from train traffic.

KRAMER AVENUE GRADE SEPARATION, PLACENTIA

Special Inspector | Mr. Canzonoeri served as Special Inspector for the Kramer Avenue Grade Separation Project. Materials tested included structural steel, reinforcing steel and all of the conventional roadway materials testing and structural inspections for concrete, aggregates, soils, and asphalt concrete pavements. Project consists of a one-million-pound structural steel underpass bridge for the BNSF rail line and lowering Kraemer Boulevard and Crowther Avenue by approximately 25 feet. In order to house the underpass, 130,000 cubic yards of excavation and cast-in-place and secant pile retaining walls using 4,000 cubic yards of structural concrete and 31,000 lineal feet of concrete piling.

LOS ANGELES SOUTH AREA HIGH SCHOOL #3, LOS ANGELES

Special Inspector | Mr. Canzoneri provided shop inspection for the structural steel including NDT.

LOS ANGELES REGIONAL CRIME LABORATORY, LOS ANGELES

Special Inspector | Mr. Canzoneri provided inspection for high strength bolting and welding.

AWS's Free Online Certification Verification Service

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

Anthony J Canzoneri

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
01090481	Sep 2001	Sep 2022	Active	Certified Welding Inspector (CWI)	With Correction/Not Color Blind	Mar 2019

*Certification number 01090481

BRUCE HARRINGTON | SPECIAL INSPECTOR

CERTIFICATIONS
AWS Certified Welding Inspector
ICC Reinforced Concrete Special Inspector
ICC Structural Bolting Special Inspector
ICC Structural Welding Special Inspector
City of Los Angeles Certified Welding License Structural and Reinforcing Steel

Mr. Harrington Has more than 30 years of experience in the construction industry. With hands-on welding and structural steel installation experience he has as well-rounded knowledge of the construction industry.

He has managed field installations on a wide variety of steel structures including warehouse buildings up to one million square feet, small mezzanines, and buildings with all steel decks and roofs. He is a pertinent contributor to preconstruction meetings for manpower planning.

RELEVANT PROJECT INVOLVEMENT / EXPERIENCE

CENTURY HIGH SCHOOL, SANTA ANA UNIFIED SCHOOL DISTRICT, SANTA ANA

Special Inspector | Mr. Harrington served as Special Inspector for the Century High School Project. RMA Group provided materials testing and special inspection of reinforced concrete, shop welding and fabrication, welding and erection, high strength bolting, and reinforced masonry, roofing, plaster, veneer, anchor bolt, and shot pin testing for structural systems, piles testing, and asphalt sampling and testing for the new classroom building on the existing high school campus.

FONTANA MEDICAL CENTER [KAISER FOUNDATION HEALTH], FONTANA

Special Inspector | Mr. Harrington provided special inspection for the replacement of air handling units (AHU) 1, 2, 3 and 4 for this medical center complex. Bruce performed soils testing, reinforced concrete testing and inspection of reinforcing steel and pour operations, and inspections of post-installed anchors, high strength bolting, spray-applied fireproofing, and field and shop welding of structural steel elements.

PANORAMA CITY SOUTH SPECIALTY MOB, PANORAMA CITY

Special Inspector | Mr. Harrington served as Special Inspector for the Panorama City South Specialty MOB. The project consisted of a 74,500 square foot (sf), three-story (plus a substructure), structural steel building with interior metal framing, and shotcrete walls within the basement level, along with associated site work. RMA Group provided inspection of the shop fabrication and welding of the Side Plate connections as well as inspection of the field erection, high strength bolting and welding as the structure is erected and the Side Plate connections are bolted into place.

I-405 / SEPULVEDA PASS WIDENING, LOS ANGELES

Special inspector | Mr. Harrington served as Special Inspector for the I-405 / Sepulveda Pass Widening Project. The project consists of adding a 10-mile high-occupancy vehicle (HOV) lane on northbound I-405 between the I-10 and US 101 Freeways; removal and replacement of three bridges; realignment of 27 on- and off- ramps; and widening of 13 existing underpasses and structures to reduce traffic congestion.

HEALTH FITNESS AND PE BUILDING, LOS ANGELES COMMUNITY COLLEGE DISTRICT, LOS ANGELES

Special Inspector | Mr. Harrington served as Special Inspector for the Health, Fitness, and PE Building Project. He provided the welding inspection and anchor bolt testing for this new $23 million, two--story structure.

ORANGE LINE EXTENSION, METRO, LOS ANGELES

Special Inspector | Mr. Harrington served as Special Inspector for the Metro Orange Line Project. RMA provided materials testing services including compaction testing of the subgrade soils and aggregate base, asphalt concrete compaction and laboratory testing, as well as Portland cement concrete inspection and testing. Elements of the project include a four-mile northern extension; four new stations; new platforms at the Canoga Station; a new bikeway and pedestrian path that will run parallel to the dedicated busway; and an overcrossing at Lassen Street and the railroad tracks on an elevated bridge.

INDIAN SPRINGS HIGH SCHOOL, SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT, SAN BERNARDINO

Special Inspector | Mr. Harrington served as Special Inspector for Indian Springs High School. RMA Group provided soils and materials testing services. RMA Group's scope of services on this project consisted of providing special inspection and materials testing of reinforced concrete, shop welding and fabrication, field welding and erection, high strength bolting, and reinforced masonry.

AWS's Free Online Certification Verification Service

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

Bruce F Harrington

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
09091541	Sep 2009	Sep 2021	Active	Certified Welding Inspector (CWI)	With Correction/Not Color Blind	Jun 2015

* Certification number: 09091541

* Last name: harrington

Go

PAUL JARRETT | CERTIFIED WELDING INSPECTOR

CERTIFICATIONS

AWS / CWI Inspector No. 12080951
ICC Structural Steel & Bolting Special Inspector

Mr. Paul Jarrett has more than 25 years of steel construction and welding inspection experience and has worked on projects that have included water facilities and desalinations plants, hospitals under OSHPD oversight and regulations, and K-12 school facilities under the oversight and control of the Division of the State Architect (DSA).

Paul has experience providing thorough and comprehensive welding inspection for both field and shop operations and served as a quality assurance technician for production levels of manufacturing and final inspection under AWS D1.1, ASTM, and Pressure Vessel codes.

RELEVANT PROJECT INVOLVEMENT / EXPERIENCE

CARLSBAD DESALINATION PLANT, CARLSBAD
Certified Welding Inspector | Mr. Jarrett served as a Certified Welding Inspector providing quality control on this major desalination plant project. Inspection services included monitoring of welding production of SMO / Duplex Stainless 4" - 30" pipe. Documentation of all values were recorded including: material preparation, fit up, purge, amperage, voltage, travel speed, weld times, and heat input. Paul supervised weld repairs of an average of 3-5 contractor welders, compiling and flagging completed work for RT shoot list, verifying pipe inspection markings, observation of welder performance test, assisting the Welding Engineer in weld mapping and turnover documentation.

MARSHALL FUNDAMENTAL SECONDARY SCHOOL SPORTS COMPLEX | PASADENA UNIFIED SCHOOL DISTRICT, PASADENA
Certified Welding Inspector | Mr. Jarrett was responsible for welding inspection of the steel structural elements for this new sports complex under DSA requirements to specifications, provisions, and oversight. This project will construct and renovate an existing gymnasium building, remodel girls and boys restrooms, a four-classroom wing, team rooms, locker, additional restrooms, six new tennis courts, and two new basketball courts. Additionally, new drinking fountains will be installed as well as a new 12' high chain link fence. RMA Group provided the geotechnical investigation of the site and materials testing of soils, asphaltic concrete, and grading operations observation and compaction testing, reinforced concrete sampling and laboratory testing, as well as providing special inspection for steel structures and masonry components.

McKINLEY K-8 NEW CONSTRUCTION | PASADENA UNIFIED SCHOOL DISTRICT, PASADENA
Certified Welding Inspector | Mr. Jarrett was responsible for welding inspection of the steel structural elements for this new school project that constructed an entirely new campus and school. RMA has been providing geotechnical engineering, material testing and construction inspection services to Pasadena Unified School District since 2008. Besides special inspection and materials testing for this facility, RMA Group provided the geotechnical soils engineering and testing for the grading and excavation work.

RJ DONOVAN INFILL PROJECT, CDCR, SAN DIEGO COUNTY
Certified Welding Inspector | Mr. Jarrett was responsible for welding inspection of the steel structural elements for this major detention facility project. As part of the RMA Group team working at this site, construction will include a firing range, new housing units and support buildings, masonry wall construction, and other support facilities. Additional work includes site improvement work including excavation and grading, deep utilities with trench backfill, and all sampling, testing, and inspection.

FONTANA MEDICAL CENTER | KAISER PERMANENTE, FONTANA
Certified Welding Inspector | Mr. Jarrett was responsible for the inspection of welding done to structural steel supporting the replacement of Air Handling Units 1 and 2 for this facility upgrade as well as the anchor bolt testing.

IRVINE MEDICAL CENTER | KAISER PERMANENTE, IRVINE
Certified Welding Inspector | Mr. Jarrett was responsible for the inspection of welding done to structural steel elements and anchor bolt testing used in the fourth floor Oncology Department and facility Pharmacy.

AWS's Free Online Certification Verification Service

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

Paul A Jarrett

Cert. No.	Valid from	Expiration	Status	Cert. Description	Visual Acuity*	Eye Form Date
12080951	Aug 2012	Aug 2021	Active	Certified Welding Inspector (CWI)	With Correction|Not Color Blind	Apr 2016

Attachment 12 – Gen-7 Discrepancy

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

Attachment 13 – GEN-8 Final Inspections

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

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG August 2019

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
8/1/2019	52180	870
8/2/2019	52980	800
8/5/2019	53760	780
8/6/2019	54800	1040
8/7/2019	55590	790
8/8/2019	56300	710
8/9/2019	56830	530
8/12/2019	57730	900
8/13/2019	58380	650
8/14/2019	59270	890
8/15/2019	60020	750
8/16/2019	60860	840
8/19/2019	61670	810
8/20/2019	62400	730
8/21/2019	63210	810
8/22/2019	63830	620
8/23/2019	64750	920
8/26/2019	65630	880
8/27/2019	66390	760
8/28/2019	67230	840
8/28/2019	68050	820
8/30/2019	68770	720
	Total	17460

Attachment 15 – SOIL&WATER-8 Encroachment Permit

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

Attachment 16 – STRUC-1 CBO Approvals

MEMORANDUM – DCBO APPROVAL

DATE: August 8, 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-1-8.0_X1_GSU XFMR FDN PLAN & CALCS_190802_PCF

MEMORANDUM:

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

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

SERC_16-AFC-01

--- REVIEWED ---

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

Digitally signed by Alan Ho
Reason: Reviewed for Code Compliance for foundation only.
Date: 2019.08.08 22:07:39 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: August 19, 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-1-24.0_4160V FGC AUX XFMR & CALCS_190809_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 ---

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Digitally signed by Alan Ho
Reason: Reviewed for Code Compliance.
Date: 2019.08.19 23:06:37 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: August 19, 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-1-25.0_480V AUX XFMR & CALCS_190809_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 ---

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Digitally signed by Alan Ho
Reason: Reviewed for Code Compliance.
Date: 2019.08.19 22:34:13 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: August 20, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-27.0_FGC GAS L.O. FIN-FAN COOLER_190814_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 ---

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Digitally signed by Alan Ho
Reason: Reviewed for Code Compliance.
Date: 2019.08.20 21:40:44 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: August 8, 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-1-28.0_FOGGING SKIDS & CALCS_190731_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: 2019.08.09 08:11:27 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: August 3, 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-1-37.0_RO SKID & CALCS_190724_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: 2019.08.03 08:34:57 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: August 4, 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-1-41.0_PDM & CM PLATFORMS_190723_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: 2019.08.04 14:49:36 -07'00'

Attachment 17 – TRANS-1 Permits

TRANS-1 Roadway Use Permits and Regulations

1. Switchyard Protection Module (SPM) delivered on August 30, 2019
    - City of Stanton - #TPO-526
    - State of California - #e19-080141

2.

Attachment 18 – Safety Inspection Report

SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT

AUGUST 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 August 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 hava had no Safety Incidents or Injuries to report and/or that have been reported to the SERC-ARB Safety Department for this period.

We have been processing a number of new Personnel for ARB and our Sub-Contractors through the SERC WEAP Orientation and SERC Site specific Safety training. Badges for accountability and security purposes are being issued and parking for all craft workers has been established at the Bethel Church off of Dale Street. Parking there has been good and the effort has been closely coordinated. The badging process will now cess as the badging conex as been removed and the hard drive equipment associated with it is gone.

We have had discussions on Safety Awareness, Housekeeping, Hot Work & Confined Space Entry Permitting and the Importance Of Communications as the topics in our all hands safety meetings for the month of August 2019. We have applied special emphasis on staying hydrated again and for the past couple of Months. We are also constantly emphasizing the use of spotters at all times especially around the overhead power lines due to the close proximity of these lines and the tightness of the project location. The triple 9 Maxim Crane has been erected and is now on the SERC Project site. FAA has been notified as per procedure.

There as been no near misses, no recordables or loss time Injuries to report for this month.

Tim Draper,

ARB, Inc. Safety Manager,

SERC Project Safety

tdraper@prim.com

(949) 678-1643

Attachment 19 – CIVIL-3 Non-Compliance Reports

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

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

Sharon Stureman

From: noreply@digalert.org
Sent: Thursday, August 1, 2019 10:38 AM
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280441-09B

EXTERNAL EMAIL

```
EMLCFM 00673B USAS 08/01/19 10:38:13 A190280441-09B 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: 09B Created: 08/01/19 10:37 User: DIRECT Chan: WEB

Work Start: 08/01/19 10:37 Legal Start: 08/01/19 10:37 Expires: 08/29/19 23:59
Response required: N Priority: 2

Excavator Information
Company: ARB, INC.
Co Addr: 26000 COMMERCENTRE DRIVE
City   : LAKE FOREST                    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=EAGfRZSaJhIVOVT-K

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]
RESENDREQUEST 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 PM]
RENEW TICKET WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20 PM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37 AM]

Members:

ATTDSOUTH	AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01	C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05	METROPOLITAN WATER	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
SCW2P	SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-7073xCELL
UCHTRW_C5	UTIL/SPECTRUM GG - CATV	SPECTRUM REG OPERATIONS	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

From: noreply@digalert.org
To: Tim Bofman
Subject: DigAlert Positive Response for Ticket A192070123-00A
Date: Thursday, August 1, 2019 5:45:27 PM

EMLCFM 03855A USAS 08/01/19 17:45:22 A192070123-00A NEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.

This is an automated electronic positive response confirmation for the ticket number below.

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

"Member did not respond by the required time" DOES NOT necessarily mean the member didn't mark. It could mean that they have chosen not to participate in Electronic Positive Response. Electronic Positive Response IS NOT mandatory
for use by the members of DigAlert. You MUST confirm markings, or lack thereof,
on site BEFORE contacting DigAlert and stating the members have not responded.

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.

Ticket: A192070123 Rev: 00A Taken: 07/26/19 08:26 AM

State: CA County: ORANGE Place: STANTON
Address : COURT AVE
Location: 10622 & 10662 COURT AVE **10622 COURT AVE LOC AT S/E COR/OF INTER**
: **SITE IS GATED, PLEASE CALL WITH ETA FOR ACCESS**
WorkType: GRADING TO LEVEL SITE, INSTALL PIPE

Utility	Description	Response	
ATTDSOUTH	AT&T - DISTRIBUTION	08/01/19 05:45 PM	001
	CLEAR - NO CONFLICT		
SCG2XN	SC GAS - GARDEN GROVE	08/01/19 09:00 AM	999
	Member did not respond by the required time		
SCW2P	SO CAL WATER(GOLDEN ST WTR) LO	08/01/19 09:00 AM	999
	Member did not respond by the required time		
UCHTRW_C5	SPECTRUM - GARDEN GROVE	08/01/19 05:45 PM	001
	CLEAR - NO CONFLICT		
USCE03	UTILIQUEST FOR SCE DIST - NORT	08/01/19 05:45 PM	010
	LOCATE AREA MARKED		

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280551-09B
Date: Thursday, August 15, 2019 11:49:14 AM

EXTERNAL EMAIL

EMLCFM 01829B USAS 08/15/19 11:49:13 A190280551-09B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.
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This is not a certified copy of the ticket.

Ticket: A190280551 Rev: 09B Created: 08/15/19 11:48 User: DIRECT Chan: WEB

Work Start: 08/15/19 11:48 Legal Start: 08/15/19 11:48 Expires: 09/12/19 23:59
Response required: N Priority: 2

Excavator Information
Company: ORTIZ ENTERPRISE INC
Co Addr: 6 CUSHING #200
City : LAKE FOREST State: CA Zip: 92618
Created By: NICK TASICH Language: ENGLISH
Office Phone: 310-874-9612 SMS/Cell: 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=6ByBvBmGdKcFaNb-C

Comments:

RESENDUPDATE 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]

RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57 AM]
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 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48 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
MWD05	METROPOLITAN WATER	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
SCW2P	SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-7073xCELL
UCHTRW_C5	UTIL/SPECTRUM GG - CATV	SPECTRUM REG OPERATIONS	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

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280543-09B
Date: Thursday, August 15, 2019 11:49:17 AM

EXTERNAL EMAIL

EMLCFM 01831B USAS 08/15/19 11:49:16 A190280543-09B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.
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This is not a certified copy of the ticket.

Ticket: A190280543 Rev: 09B Created: 08/15/19 11:48 User: DIRECT Chan: WEB

Work Start: 08/15/19 11:48 Legal Start: 08/15/19 11:48 Expires: 09/12/19 23:59
Response required: N Priority: 2

Excavator Information
Company: BILL'S BACKHOE
Co Addr: 13203 BARLIN AVE
City : DOWNEY State: CA Zip: 90242
Created By: NICK TASICH Language: ENGLISH
Office Phone: 310-874-9612 SMS/Cell: 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=6ByBvBmGdKbIXQY-F

Comments:

RESENDUPDATE 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]

RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57 AM]
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 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48 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
MWD05	METROPOLITAN WATER	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
SCW2P	SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-7073xCELL
UCHTRW_C5	UTIL/SPECTRUM GG - CATV	SPECTRUM REG OPERATIONS	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

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280541-09B
Date: Thursday, August 15, 2019 11:49:15 AM

EXTERNAL EMAIL

EMLCFM 01830B USAS 08/15/19 11:49:14 A190280541-09B RNEW NORM POLY LREQ

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Ticket: A190280541 Rev: 09B Created: 08/15/19 11:48 User: DIRECT Chan: WEB

Work Start: 08/15/19 11:48 Legal Start: 08/15/19 11:48 Expires: 09/12/19 23:59
Response required: N Priority: 2

Excavator Information
Company: ARB, INC
Co Addr: 26000 COMMERCENTRE DRIVE
City : LAKE FOREST State: CA Zip: 92630
Created By: NICK TASICH Language: ENGLISH
Office Phone: 310-874-9612 SMS/Cell: 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=EBFkIeJn8lDe9o4-f

Comments:

RESENDUPDATE 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]

RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57 AM]
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 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48 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
MWD05	METROPOLITAN WATER	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
SCW2P	SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-7073xCELL
UCHTRW_C5	UTIL/SPECTRUM GG - CATV	SPECTRUM REG OPERATIONS	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

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280441-10B
Date: Wednesday, August 28, 2019 10:40:34 AM

EXTERNAL EMAIL

EMLCFM 00785B USAS 08/28/19 10:40:33 A190280441-10B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.
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Ticket: A190280441 Rev: 10B Created: 08/28/19 10:40 User: DIRECT Chan: WEB

Work Start: 08/28/19 10:40 Legal Start: 08/28/19 10:40 Expires: 09/25/19 23:59
Response required: N Priority: 2

Excavator Information
Company: ARB, INC.
Co Addr: 26000 COMMERCENTRE DRIVE
City : LAKE FOREST 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=5A5u7t7zyyxuswy-l

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]
RESENDREQUEST 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 PM]
RENEW TICKET WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20 PM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/28/2019 10:40 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
MWD05	METROPOLITAN WATER	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
SCW2P	SO CAL WATER(GOLDEN ST WTR)	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

Sharon Stureman

From: noreply@digalert.org
Sent: Thursday, August 1, 2019 10:38 AM
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280441-09B

EXTERNAL EMAIL

```
EMLCFM 00673B USAS 08/01/19 10:38:13 A190280441-09B RNEW NORM POLY LREQ

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DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 09B Created: 08/01/19 10:37 User: DIRECT Chan: WEB

Work Start: 08/01/19 10:37 Legal Start: 08/01/19 10:37 Expires: 08/29/19 23:59
Response required: N Priority: 2

Excavator Information
Company: ARB, INC.
Co Addr: 26000 COMMERCENTRE DRIVE
City   : LAKE FOREST                    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=EAGfRZSaJhIVOVT-K

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM]
RESENDREQUEST 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 PM]
RENEW TICKET WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20 PM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37 AM]

Members:

ATTDSOUTH	AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01	C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05	METROPOLITAN WATER	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
SCW2P	SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-7073xCELL
UCHTRW_C5	UTIL/SPECTRUM GG - CATV	SPECTRUM REG OPERATIONS	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

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. 1. 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.	N/A
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 5th 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 REQUEST

REQUESTED INSPECTION DATE / TIME: 8/27/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Air System Equipment FND_20190827

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-100, SF02-112, SF00-000, SF00-001, SF00-050, S00-001, S00-002

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Air System Equipment FND

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.27 06:49:54-07'00' **DATE:** 8/27/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Air System Equipment FND_20190827

DATE / TIME: 20190827 @1:00pm **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.27 16:00:14 -07'00'

DATE: 20190827

COMMENTS:

Per plans; SF02-100, SF02-112, SF00-000, SF00-001, SF00-050, S00-001, S00-002
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/1/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_AUX Skid Lube Oil Cooler Piers_2019081

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-102, SF02-102-1, SF00-050, SF00-051, S00-001, S00-002, SF00-000, SF00-001

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

AUX Skid Lube Oil Cooler Piers

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.01 12:10:44-07'00' **DATE:** 8/1/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_AUX Skid Lube Oil Cooler Piers_2019081

DATE / TIME: 08/01/2019 1:15pm **INSPECTOR:** Charles Griffin

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: Charles L Griffin:A01097C0000016 67ED3B6E000005E0F Digitally signed by Charles L Griffin:A01097C000001667ED3B 6E000005E0F Date: 2019.08.01 14:29:02 -07'00'

DATE: 08/01/2019

COMMENTS:

Approved - No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/27/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Bridge Splash Wall_20190827

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SK-1, SK-2, SK-3, R-001

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Bridge Splash Wall

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.22 13:13:35-07'00' **DATE:** 8/27/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Bridge Splash Wall_20190827

DATE / TIME: 20190827 @1:30 pm **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.27 16:03:31 -07'00'

DATE: 20190827

COMMENTS:

Per plans; SK-1, SK-2, SK-3, R-001
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/21/2019 @ 11:00 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Bridge Splash Wall_20190821

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SK-1, SK-2, SK-3, R-001

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Bridge Splash Wall

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.22 13:13:35-07'00' **DATE:** 8/13/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Bridge Splash Wall_20190821 rebar inspection/ dowels embedded/forms

DATE / TIME: 8/21/2019 @ 11:00 **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.26 15:29:10 -07'00'

DATE: 20190821

COMMENTS:

Per attached; SK-1, SK-2, SK-3, R-001
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/14/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_ERU AND EXHAUST STACK FND_20190814

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-100, SF02-101, SF00-050, SF00-051, S00-001, S00-002, SF00-000, SF00-001

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

ERU AND EXHAUST STACK FND

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.13 10:19:45-07'00' **DATE:** 8/13/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_ERU AND EXHAUST STACK FND_20190814

DATE / TIME: 20190814 @ 1:30 PM **INSPECTOR:** Vic Gruber for Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.09.14 06:50:29 -07'00'

DATE: 20190814

COMMENTS:

Per Plans and Specs: SF02-100, SF02-101, SF00-050, SF00-051, S00-001, S00-002, SF00-000, SF00-001
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/13/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Generator Pull Slab FND_20190813

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF03-100, SF02-102, S00-001, S00-002, SF00-000, SF00-001

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Generator Pull Slab FND

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.13 09:29:57-07'00' **DATE:** 8/13/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Generator Pull Slab FND_20190813

DATE / TIME: 20190813 1:30 pm **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.27 10:41:50 -07'00'

DATE: 20190813

COMMENTS:

Per plans and specs SF03-100, SF02-102, S00-001, S00-002, SF00-000, SF00-001
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/14/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Oily Water Waste Tank walls_20190814

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-100, SF02-103, SF00-050, SF00-051, S00-001, S00-002, SF00-000, SF00-001

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Oily Water Waste Tank walls

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.13 10:32:42-07'00' **DATE:** 8/13/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Oily Water Waste Tank walls_20190814

DATE / TIME: 8/14/2019 @ 1:30 pm **INSPECTOR:** V. Gruber and Mary Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.26 15:11:15 -07'00'

DATE: 20190814

COMMENTS:

Per Plans; SF02-100, SF02-103, SF00-050, SF00-051, S00-001, S00-002, SF00-000, SF00-001
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/7/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Oily Water Waste Tank_2019087

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-100, SF02-103, SF00-050, SF00-051, S00-001, S00-002, SF00-000, SF00-001

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Oily Water Waste Tank

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.05 11:41:26-07'00' **DATE:** 8/5/2019

INSPECTION RESULT

INSPECTION MADE: Rebar foundation

DATE / TIME: 190808 **INSPECTOR:** Victor Gruber

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by victor gruber
Date: 2019.08.08 08:39:47 -07'00'

DATE: 190808

COMMENTS:

Reviewed rebar, the rebar was installed as per plan, the foundation was clean of debris. RMA inspector is onsite. QC reviewed rebar and plans. RMA will take concrete samples. No concerns at this time reviewed for code compliance.

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/5/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Power Block FND A-5 Thru A-8_2019085

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-115, SF02-100, SF00-030, SF00-031, S00-001, SF00-050, SF00-051, S00-002, SF00-000, SF00-001

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Power Block FND A-5 Thru A-8

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.05 09:05:21-07'00' **DATE:** 8/5/2019

INSPECTION RESULT

INSPECTION MADE: Pedestal foundation and pedestals

DATE / TIME: 190806 **INSPECTOR:** Victor Gruber

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☒ **PHASE PASS**

SIGNATURE:

DATE: 190806

COMMENTS:

Reviewed foundations for code compliance. Area was clean and free of debris. Rebar was tight and placed as per plan. RMA reviewed rebar. Quality was present at inspection. No concerns at this time, bonding will be connected to steel at top of pedestal pigtail willl be installed at later time.

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/8/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Power Block Piers A-2 Thru A-8_2019088

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-115, SF02-100, SF00-030, SF00-031, SF00-050, SF00-051

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Power Block Piers A-2 Thru A-8

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.05 12:16:22-07'00' **DATE:** 8/5/2019

INSPECTION RESULT

INSPECTION MADE: pedstal fdn

DATE / TIME: 190808 **INSPECTOR:** victor gruber

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by victor gruber
Date: 2019.08.08 08:47:47 -07'00'

DATE:

COMMENTS:

Reviewed rebar and spacing. No debris in base of footing. Rebar tight and all clearances met. RMA is onsite. No concerns at this time Reviewed for code compliance

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/21/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Power Control Module Piers_20190821

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-100, SF02-114, SF02-114-1, SF00-000, SF00-001, S00-001, S00-002,

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Power Control Module Piers

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.19 12:19:11-07'00' **DATE:** 8/19/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Power Control Module Piers_20190821

DATE / TIME: 8/21/2019 @ 1:30 pm **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.23 11:17:28 -07'00'

DATE: 20190822

COMMENTS:

Per Plans; SF02-100, SF02-114, SF02-114-1, SF00-000, SF00-001, S00-001, S00-002
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/21/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Power Control Module Piers_20190821

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-100, SF02-114, SF02-114-1, SF00-000, SF00-001, S00-001, S00-002,

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Power Control Module Piers

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: _____ **DATE:** 8/13/2019

INSPECTION RESULT

INSPECTION MADE:

DATE / TIME: _____ INSPECTOR: _____

☐APPROVED
☐ DISAPPROVED
☐ REINSPECTION REQUIRED
☐AT RISK
☐PHASE PASS

SIGNATURE: **DATE:**

COMMENTS:

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/21/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Power Distribution Module FND_20190821

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF02-100, SF02-114, SF02-114-1, SF00-000, SF00-001, S00-001, S00-002,

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Power Distribution Module FND

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.19 12:36:43-07'00' **DATE:** 8/19/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Power Distribution Module FND_20190821

DATE / TIME: 8/21/2019 @ 1:30 pm **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.23 11:13:22 -07'00'

DATE: 20190822

COMMENTS:

Per Plans; SF02-100, SF02-114, SF02-114-1, SF00-000, SF00-001, S00-001, S00-002
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/21/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_SPM FND_20190821

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF05-100, SF05-103, SF00-000, SF00-001, S00-002, S00-001, S00-002, SF00-050, SF00-051

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

SPM FND

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.19 11:10:35-07'00' **DATE:** 8/19/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_SPM FND_20190821

DATE / TIME: 20190822 **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.23 11:07:19 -07'00'

DATE: 20190822

COMMENTS:

Per plans; SF05-100, SF05-103, SF00-000, SF00-001, S00-002, S00-001, S00-002, SF00-050, SF00-051
No exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 8/13/2019 @ 1:30 pm

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Substation Protection Module FND_20190813

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

SF05-100, SF05-103, S00-001, S00-002, SF00-000, SF00-001, SF00-051

TYPE OF INSPECTION: ☒New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Substation Protection Module FND

* Form work
* Rebar
* Cleanliness

REQUESTOR SIGNATURE: Joseph Bates Digitally signed by Joseph Bates DN: C=US, E=Jbates@prim.com, O=ARB Inc., CN=Joseph Bates Date: 2019.08.13 10:06:20-07'00' **DATE:** 8/13/2019

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_Substation Protection Module FND_20190813

DATE / TIME: 20190821 @ 1300 **INSPECTOR:** Mary Lee Knolle

☒ **APPROVED**
☐ **DISAPPROVED**
☐ **REINSPECTION REQUIRED**

☐ **AT RISK**
☐ **PHASE PASS**

SIGNATURE: 

Digitally signed by Mary Lee Knolle
Date: 2019.08.23 11:02:09 -07'00'

DATE: 20190222

COMMENTS:

Per Plans; SF05-100, SF05-103, S00-001, S00-002, SF00-000, SF00-001, SF00-051
No exceptions taken

Attachment 23 – TSE-2 Switchyard Final Plans

Stanton Energy Reliability Center, LLC	Stanton Energy Reliability Center	Transmittal Document Number	
	TRANSMITTAL	**SERC-TRA-390**	
		8/2/2019	Page **1** of **3**

PURPOSE OF TRANSMITTAL SWITCHYARD DESIGN PLANS		Use/Implementation	X	CBO Submittal		Comments
		Revision/Approval		CEC Submittal		Question
		Answer		Information		As-Built
		Design		Construction		Contract
		Cancelled				

SERC DISTRIBUTION					**OTHERS DISTRIBUTION**				
	E	**U**	**P**	**D**		**E**	**U**	**P**	**D**
Tim Bofman	X				CBO		X		
Paul Cummins	X								
Kara Miles	X								
Tom Tinucci	X								
Greg Lamberg	X								
SERC File		X							

NUMBER OF COPIES **E** = Email; **U** = NewForma FTP, **P** = Paper Copy; **D** = Digital

NOTES:

No	DOCUMENT TITLE	REV.	REV. DATE	DOCUMENT FOLDER NAME	CO.
1	SERC_16-AFC-01_TSE-2-1.1_TRA-390-TRANSMITTAL SERC_8.2.19_190802_PC1	-	8/2/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
2	SERC_16-AFC-01_TSE-2-1.2_EO00-101-SWYD SLD_REV1_190802_PC1	1	6/7/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
3	SERC_16-AFC-01_TSE-2-1.3_ES00-801-SWYD AC SCHEMATIC_REV1_190802_PC1	1	6/11/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
4	SERC_16-AFC-01_TSE-2-1.4_ES00-802-SWYD AC SCHEMATIC_REV0_190802_PC1	0	5/22/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
5	SERC_16-AFC-01_TSE-2-1.5_ES00-803-SWYD AC SCHEMATIC_REV0_190802_PC1	0	5/22/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
6	SERC_16-AFC-01_TSE-2-1.6_ES00-804-SWYD AC SCHEMATIC_REV0_190802_PC1	0	5/22/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
7	SERC_16-AFC-01_TSE-2-1.7_ES00-805-SWYD DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
8	SERC_16-AFC-01_TSE-2-1.8_ES00-806-SWYD DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
9	SERC_16-AFC-01_TSE-2-1.9_ES00-807-SWYD DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC

10	SERC_16-AFC-01_TSE-2-1.10_ES00-808-SWYD DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
11	SERC_16-AFC-01_TSE-2-1.11_ES00-809-SWYD DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
12	SERC_16-AFC-01_TSE-2-1.12_ES00-810-SWYD DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
13	SERC_16-AFC-01_TSE-2-1.13_ES00-811-SWYD DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
14	SERC_16-AFC-01_TSE-2-1.14_ES00-812-SWYD CBL SCHED_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
15	SERC_16-AFC-01_TSE-2-1.15_ES00-813-SWYD CBL SCHED_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
16	SERC_16-AFC-01_TSE-2-1.16_ES00-820-PLANT METERING_REV0_190802_PC1	0	6/6/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
17	SERC_16-AFC-01_TSE-2-1.17_ES00-821-U1 NET METERING_REV0_190802_PC1	0	6/6/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
18	SERC_16-AFC-01_TSE-2-1.18_ES00-822-U2 NET METERING_REV0_190802_PC1	0	6/6/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
19	SERC_16-AFC-01_TSE-2-1.19_ES00-830-GSU DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
20	SERC_16-AFC-01_TSE-2-1.20_ES00-831-GSU DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
21	SERC_16-AFC-01_TSE-2-1.21_ES00-832-GSU DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
22	SERC_16-AFC-01_TSE-2-1.22_ES00-833-GSU DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
23	SERC_16-AFC-01_TSE-2-1.23_ES00-834-GSU DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
24	SERC_16-AFC-01_TSE-2-1.24_ES00-835-GSU DC SCHEMATIC_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
25	SERC_16-AFC-01_TSE-2-1.25_ES00-836-GSU CTRL CABINET_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
26	SERC_16-AFC-01_TSE-2-1.26_ES00-837-GSU COMS PANEL_REV0_190802_PC1	0	7/23/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
27	SERC_16-AFC-01_TSE-2-1.27_SG05-000-66KV ELEC GND PLAN_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
28	SERC_16-AFC-01_TSE-2-1.28_SG05-000-1-66KV ELEC GND DTLS_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
29	SERC_16-AFC-01_TSE-2-1.29_SG05-000-2-66KV ELEC GND DTLS_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
30	SERC_16-AFC-01_TSE-2-1.30_SP05-100-66KV ELEC GA_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC

31	SERC_16-AFC-01_TSE-2-1.31_SP05-100-1-66KV ELEC ELV A_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
32	SERC_16-AFC-01_TSE-2-1.32_SP05-100-2-66KV ELEC ELVATIONS_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
33	SERC_16-AFC-01_TSE-2-1.33_SP05-100-3-GSU TO CABLE RACK_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
34	SERC_16-AFC-01_TSE-2-1.34_SP05-100-4-66/13.8KV BOM_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
35	SERC_16-AFC-01_TSE-2-1.35_SR05-000-66KV ELEC RCWY PLAN_REV3_190802_PC1	3	5/31/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
36	SERC_16-AFC-01_TSE-2-1.36_SR05-000-1-66KV ELEC RCWY DTLS_REV3_190802_PC1	3	5/31/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
37	SERC_16-AFC-01_TSE-2-1.37_SWYD VOLTAGE DROP CALCS_REV0_190802_PC1	0	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
38	SERC_16-AFC-01_TSE-2-1.38_CN-260-STRUCS & MAT SPECS_3.1.18_190802_PC1	-	3/1/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
39	SERC_16-AFC-01_TSE-2-1.39_CN-262-HV CB SPECS_3.1.18_190802_PC1	-	3/1/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
40	SERC_16-AFC-01_TSE-2-1.40_CN-266-SUB PROT. PANEL SPECS_7.31.18_190802_PC1	-	7/31/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
41	SERC_16-AFC-01_TSE-2-1.41_CN-300-INSTALL SPECS_12.17.18_190802_PC1	-	12/17/18	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
42	SERC_16-AFC-01_TSE-2-1.42_CN-300-INSTALL SPECS ADDENDA_2.4.19_190802_PC1	-	2/4/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC
43	SERC_16-AFC-01_TSE-2-1.43_ELEC RE STATEMENT_8.1.19_190802_PC1	-	8/1/19	SERC_16-AFC-01_TSE-2-1.0_SWYD DESIGN PLANS_190802_PC1	SERC

POWER ENGINEERS, INC.
16041 FOSTER
PO BOX 1000
OVERLAND PARK, KS 66085 USA

PHONE 913-681-2881
FAX 913-681-8475

MEMORANDUM

DATE: August 1, 2019

TO: Sohail Ahmad

C: Tim Bofman

FROM: Barbara Culton, P.E.

SUBJECT: 16-AFC-01 – TSE-2 Responsible Engineer Statement

MESSAGE

Per Condition of Certification TSE-2:

The following electrical calculations, drawings, lists, and specifications design of the Stanton Energy Reliability Center switchyard, outlet line, and termination have been prepared under my direct supervision and have been prepared in accordance with applicable laws, ordinances, regulations, and standards (LORS).

EO00-101	METERING AND PROTECTION SUBSTATION ONE-LINE DIAGRAM
ES00-801	66KV CB 152 AC SCHEMATIC
ES00-802	GSU TRANSFORMER AC SCHEMATIC
ES00-803	TRANSFORMER & BUS DIFFERENTIAL AC SCHEMATIC
ES00-804	LINE RELAYING & BREAKER FAILURE AC SCHEMATIC
ES00-805	66KV CB 152 DC SCHEMATIC
ES00-806	66KV 152-BF DC SCHEMATIC
ES00-807	87-66 BUS AND 86T LOCKOUT DC SCHEMATIC
ES00-808	87-GSU-01 DC SCHEMATIC
ES00-809	PRIMARY LINE RELAYING DC SCHEMATIC
ES00-810	SECONDARY LINE RELAYING DC SCHEMATIC
ES00-811	RTAC1 SEL-3530 DC SCHEMATIC
ES00-812	SWITCHYARD CABLE SCHEDULE
ES00-813	SWITCHYARD CABLE SCHEDULE
ES00-820	GSU TRANSFORMER AC SCHEMATIC
ES00-821	UNIT 1 NET - CAISO METER 3-LINE DIAGRAM
ES00-822	UNIT 2 NET - CAISO METER 3-LINE DIAGRAM
ES00-830	GSU TRANSFORMER COOLING DC SCHEMATIC
ES00-831	GSU TRANSFORMER ALARMS DC SCHEMATIC
ES00-832	GSU TRANSFORMER ALARMS DC SCHEMATIC
ES00-833	GSU TRANSFORMER 30-1 DC SCHEMATIC
ES00-834	GSU TRANSFORMER 30-2 DC SCHEMATIC
ES00-835	GSU TRANSFORMER ALARMS AND COMM DC SCHEMATIC
ES00-836	GSU TRANSFORMER CONTROL CABINET PANEL LAYOUT

ES00-837	GSU TRANSFORMER COMMUNICATION PANEL LAYOUT
SG05-000	66KV ELECTRICAL GROUNDING PLAN
SG05-000-1	66KV ELECTRICAL GROUNDING DETAILS
SG05-000-2	66KV ELECTRICAL GROUNDING DETAILS
SP05-100	66KV ELECTRICAL ARRANGEMENT
SP05-100-1	66KV ELECTRICAL ELEVATION A
SP05-100-2	66KV ELECTRICAL ELEVATIONS B, C, D AND E
SP05-100-3	13.8KV GSU CONNECTIONS TO CABLE RACK
SP05-100-4	66/13.8KV BILL OF MATERIAL
SR05-000	66KV ELECTRICAL RACEWAY PLAN
SR05-000-1	66KV ELECTRICAL RACEWAY DETAILS
Switchyard Voltage Drop Calculations	
CN 260 – Structures and Materials Specification	
CN 262 – HV Circuit Breaker Specifications	
CN 266 – Substation Protection Panel Specifications	
CN 300 – Installation Specifications	

B. A. Culton, P.E.

Other relevant electrical systems in the Stanton Energy Reliability Center switchyard have been prepared under the direct supervision of Joseph K. Bondank, P.E. in accordance with applicable laws, ordinances, regulations and standards (LORS). These systems include grounding calculations and lighting calculations.

Joseph K. Bondank, P.E.

c: John Scapillato (POWER)

End Report