

DOCKETED

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Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 6
Reporting Period: July 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC)
Submitted August 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 Jan 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: July 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).

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 July 2019.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	64%
BESS Design	3%
Procurement	
Owner Supplied Equipment	84%
Contractor Supplied Equipment	43%
Construction	
Power Island	25%
BESS	1%

1.1 Engineering

Through the month of July 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.

On July 31, 2019, SERC selected Power Engineers for its Design Engineer for the Battery Energy Storage System facilities and executed an engineering services contract.

Through the month of July 2019, Power Engineers finalized and issued drawings and calculations for module area platforms. Emission reduction unit foundation drawings were modified to align with calculation differences. Sleeper tray foundations calculations and drawings were finalized and issued. In addition, five new piping isometrics were issued for small bore piping. Substation schematic drawings and cable lists were finalized and issued.

Power Engineers commenced programming supervisor control system equipment and added logic for gas shutoff valve, Demin pumps, NH₃ forwarding pumps, fogging system and coalescing filter valves.

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

- Continued with preparation of termination drawings by comparing cable schedule to the Input/Output list to the original equipment manufacturer drawings
- Continued to respond to contractor requests for information
- Continued to receive contractor shop drawings for review and approval
- Prepared supplemental information documents to construction with design modifications
- Continued to receive owner supplied equipment 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 84% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 43% complete. Major procurement activities completed by construction contractor in July include:

- Issued purchase orders for enclosed metal buildings, enclosures and architectural purpose-built enclosures/fencing

1.3 Construction

The major Unit 2 foundations were completed during the month of July, with the focus moving to Unit 1.

Electrical duct bank work was focused on the conduits needed for installation of the Unit 1 foundations and the PDM/CM areas. Work was completed on the 66kV duct bank up to the Dale Ave. tie-in point with SCE.

Underground pipe work was completed in the corridor along the north side of Parcel 1 working eastward from the Vehicle Bridge. The lines were tested and backfill completed the second week of July. Underground Pipe on Parcel 2 was installed up to the east end of the office complex.

Safety:

The month of July was completed with no, lost time, or recordables. Weekly all hands meetings continue to address issues and raise morale through training and information.

During this reporting period the project worked 11,492 man-hours without a lost time or recordable incident. There were two first aids during the reporting period. To date, the

project has worked 53,504 man-hours without a lost time, or recordable Incident, and only one first aid.

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

Civil:

- Encased and backfilled East end of 66 kV duct bank
- Backfilled North Pipe Trench
- Backfilled Parcel 2 pipe trench up to East end of office trailers
- Excavated for Communication conduits at 66kV
- Prepared subgrade for various foundations
- Prepped Roadways and driveway for SCE parcel laydown

Piping:

- Installation of underground pipe on Parcel 1
- Fabrication for aboveground pipe

Structural:

- Placed ERU2 and CT1 Foundations
- Completed Utility Rack foundations
- Completed Perimeter Wall Foundations for Unit 2
- Completed Gas Compressor and Oil Cooler Foundations
- Placed Water Treatment area RO Skid and MCC Foundations
- Installed forms and rebar base mat for ERU 1

Electrical:

- Continued Material Procurement
- Completed installation of 66kV duct bank up to Dale Ave
- Continued installation of UG in Unit 2 and Unit 1 area
- Installed duct bank conduits under PCM and 480V duct bank at Unit 2
- Grounding installed in several areas

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion remains at February 26, 2020 as shown in the June 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 30 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 264. 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: An additional CRS (Ryan Moritz) was 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 30 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 264. 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 no additional special inspectors approved during the reporting period (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 8: The 30-day notification to the CPM of the initial receipt of hazardous materials on site as required in HAZ-8 is still pending.

MECH-1: 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: There were no new PRM's 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 30 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 264. 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 13,200 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.

STRUC-4: The Ammonia Tank that was designed to contain quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC was installed during this reporting period. As required in Struc-4 the CBO's approval of the final design plans, specifications, and calculations including a copy of the signed and stamped engineer's certification is included in Attachment 16.

TRANS-1: There were no required permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes (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 was no construction of power plant switchyard, outlet line, and termination during this reporting period.

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

WASTE-4: During this reporting period four (4) forty-yard bins of construction waste left the site 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 July 2019.

Attachment 1 – COM-6 Project Schedule

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2019												2020												2021																	
								Jul	A	S	Oct	N	D	Jan	F	M	A	M	J	Jul	A	S	Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D												
Stanton Energy Reliability Center - 28JUL19								338	42.55%	09-Nov-18 A	13-Jul-20	254	-28																																				
Milestones								338	42.42%	09-Nov-18 A	13-Jul-20	-60	-28																																				
Increment Weather / Rain Days								1	100%	04-Mar-19 A	04-Mar-19 A																																						
Construction								278	51.87%	04-Feb-19 A	25-Mar-20	315	-12																																				
Mobilization								19	100%	04-Feb-19 A	01-Mar-19 A		0																																				
Site Preparation								166	36.96%	19-Feb-19 A	04-Sep-19	21	-18																																				
Vehicle Bridge								150	59.57%	04-Mar-19 A	13-Nov-19	-43	-8																																				
UG Electrical								158	52.02%	22-Mar-19 A	12-Dec-19	58	-45																																				
UG Piping								158	29.44%	06-May-19 A	14-Feb-20	337	-46																																				
Foundations								227	63.38%	06-Mar-19 A	26-Dec-19	365	-8																																				
Structural Steel								152	43.68%	05-Feb-19 A	31-Dec-19	-39	-8																																				
Equipment Installation								156	24.62%	20-May-19 A	26-Feb-20	331	-7																																				
Electrical Installation								191	30.54%	11-Apr-19 A	25-Mar-20	315	-12																																				
AG Piping								94	0%	29-Jul-19	16-Jan-20	-44	-7																																				
Painting & Insulation								32	0%	20-Dec-19	17-Feb-20	22	-15																																				
Pre-Commissioning								126	0%	19-Aug-19	01-Apr-20	-11	-12																																				
Commissioning								130	0%	26-Aug-19	15-Apr-20	-11	-12																																				
Demobilization								67	0%	06-Jan-20	30-Apr-20	-20	-7																																				
Socal Gas Line Schedule								78	0%	19-Aug-19	09-Jan-20	358	0																																				
SCG-1000	Mobilization	5	0%	19-Aug-19*	23-Aug-19	358	0																																										
SCG-1010	Install 600' Of 12"	13	0%	26-Aug-19	12-Sep-19	358	0																																										
SCG-1020	Install 1200' of 12"	4	0%	12-Sep-19	19-Dec-19	358	0																																										
SCG-1030	Testing	4	0%	20-Dec-19	27-Dec-19	358	0																																										
SCG-1040	Socal Gas Tie-In	4	0%	30-Dec-19	02-Jan-20	358	0																																										
SCG-1050	De-Mobilize	4	0%	02-Jan-20	09-Jan-20	358	0																																										
SCE Interconnection Schedule								470	54.08%	07-Apr-17 A	20-Aug-20	232	0																																				
Stanton Energy Reliability Center Integrated Schedule (PIN# 8016) - Update								470	54.08%	07-Apr-17 A	20-Aug-20	232	0																																				
Project Management								358	100%	07-Apr-17 A	01-Feb-20	345	0																																				
0100	Issue ATP	0	100%		20-Mar-18 A		0																																										
0105	Approved OD	0	0%		01-Feb-20*		-91																																										
0110	PMWIF Issuance	0	100%		07-Apr-17 A		0																																										
0115	PMWIF Acceptance	0	100%		14-Apr-17 A		0																																										
0120	Customer Final Design	10	100%	02-Jul-18 A	14-Dec-18 A		0																																										
0125	Issued Drawings to CDM	0	100%		10-Apr-19 A		0																																										
0130	Substation Designs Complete	0	100%		05-Feb-19 A		0																																										
Customer Milestones								229	75.55%	14-Dec-18 A	01-Nov-19	508	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																																										

█ Remaining Level of Effort
 █ Actual Work
 █ Critical Remaining Work
█ Actual Level of Effort
 █ Remaining Work
 ◆ Milestone

Attachment 2 – COM-5 Compliance Matrix

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre-Construction								
All Phases													Construction								
Revised 4/30/2019													Commissioning								
Based on Final Staff Assessment													Operations								
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	
AQ	AQ-A1	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 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.	Emissions data in Quarterly Operations Report. Notify SCAQMD in writing when commissioning process for each turbine has been completed.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
AQ	AQ-A2	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 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.	Emissions data in Quarterly Operations Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
AQ	AQ-A3	COM/OPS	2.5 PPMV NOx Limit Averaging - 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.	Emissions data in Quarterly Operation Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										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.	CEMS records demonstrating compliance with this condition as part of the Quarterly Operations Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		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.	Emissions data in Quarterly Operational Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		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.	Emissions data in Quarterly Operational Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
AQ	AQ-A7	COM/OPS	Combustion Contaminant Emissions - See RULE 475, 10-8-1976; RULE 475, 8-7-1978. Devices D1, D7 subject to this condition.		Emissions data in Quarterly Operations Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
AQ	AQ-A8	COM/OPS	NH₃ Limit Averaging - The 5.0 PPMV NH ₃ emission limit is averaged over one hour, dry basis, at 15 percent oxygen. (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH ₃ calculation equation.	Install, calibrate, maintain, and the monitoring system according to a District approved monitoring plan. Prior to the installation the project owner shall submit a monitoring plan to the CPM for review and approval. The project owner shall include exceedances of the hourly ammonia slip limit and calibration reports as part of the Quarterly Operation Reports (AQ-SC7).	Ammonia Monitoring Plan and report and exceedances of hourly ammonia slip and calibration reports as part of the Quarterly Operations Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
AQ	AQ-B1	COM/OPS	H₂S Limit Averaging - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation.	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ-SC7)	Compliance data in Quarterly Operation Reports. Project owner to make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
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 less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
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 less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
AQ	AQ-C3	COM/OPS	Pressure Relief Valve Requirements - Pressure relief valve set at 2.3 psig.	Project owner shall demonstrate compliance as part of Quarterly Operation Report.	Monthly reports to be included in Quarterly Operation Reports. (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR	
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 District and CPM for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to CPM and Air District.	6/30/2019		Not Started										SERC	DSR	
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 and CPM for approval.	Proposed source test protocol.	Notify CPM and Air District of proposed date and time 10 days prior to test date.	6/30/2019		Not Started										SERC	DSR	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U			
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBO Color Code:	Pre-Construction									
All Phases														Construction									
Revised 4/30/2019														Commissioning									
Based on Final Staff Assessment														Operations									
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR			
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.	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 protocol 45 days before test date to Notify District and CPM	6/30/2019		Not Started														
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.	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 and CPM	6/30/2019		Not Started										SERC	DSR			
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	Notify District and CPM 10 days before the test of date and time. Test every three years.	6/30/2019		Not Started										SERC	DSR			
AQ	AQ-D3a	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 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.	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 protocol 45 days before test date to District and CPM	6/30/2019		Not Started										SERC	DSR			
AQ	AQ-D3b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 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.	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 to District and CPM	6/30/2019		Not Started										SERC	DSR			
AQ	AQ-D3c	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 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.	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	Notify District and CPM 10 days before the test of date and time.	6/30/2019		Not Started										SERC	DSR			
AQ	AQ-D3d	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 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.	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	Test quarterly in first 12 months and annual thereafter.	Ongoing		Not Started										SERC	DSR			
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.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission.	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	6/30/2019		Not Started										SERC	DSR			
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.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission.	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/13/2020		Not Started										SERC	DSR			
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.	6/30/2019		Not Started										SERC	DSR			
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.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/13/2020		Not Started										SERC	DSR			
AQ	AQ-D6a	COM/OPS	Meter for NH3 Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH3). 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).	Calibrate NH3 Meter	Prior to first fire	2/5/2020		Not Started										SERC	DSR			
AQ	AQ-D6b	COM/OPS	Meter for NH3 Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH3). 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)	Ongoing		Not Started										SERC	DSR			
AQ	AQ-D6c	COM/OPS	Meter for NH3 Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH3). 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).	Calibrate NH3 Meter	Once every 12 months	Ongoing		Not Started										SERC	DSR			

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U											
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBO Color Code:	Pre-Construction																	
All Phases														Construction																	
Revised 4/30/2019														Commissioning																	
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR											
AQ	AQ-07a	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).	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).	Calibrate SCR inlet temperature gauge	Prior to first fire	2/5/2020		Not Started											SERC	DSR										
AQ	AQ-07b	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).	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)	Ongoing		Not Started												SERC	DSR									
AQ	AQ-07c	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).	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).	Calibrate SCR inlet temperature gauge	Once every 12 months	Ongoing		Not Started												SERC	DSR									
AQ	AQ-08a	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.	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).	Calibrate DP pressure gauge	Prior to first fire	2/5/2020		Not Started												SERC	DSR									
AQ	AQ-08b	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.	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)	Ongoing		Not Started												SERC	DSR									
AQ	AQ-08c	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.	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).	Calibrate DP pressure gauge	Once every 12 months	Ongoing		Not Started												SERC	DSR									
AQ	AQ-E1	CONS	The project owner shall upon completion of the 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, C5, 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.	make the site available for inspection	ongoing	Ongoing		Not Started												SERC	DSR									
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, U.S. EPA, and the Commission.	representatives of the District, ARB, U.S. EPA and the Energy Commission.	NA	Conditional		Not Started												SERC	DSR									
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.	Submit all records to demonstrate compliance in the Quarterly Operational Report. Owner to make site available for inspection of records by District, ARB, U.S. EPA, and Commission.	Submit records including total commissioning hours, emission hours without control, natural gas fuel use for pre-catalyst phase and catalyst phase per turbine.	Submit compliance documentation as part of the Quarterly Operational Report, per AQ-SC7	Ongoing		Not Started												SERC	DSR									
AQ	AQ-E4	COM/OPS	CO₂ Emission Limit - 120 lbs/MMBtu CO ₂ emission limit for non-base load turbines shall apply. Compliance with the 120 lbs/MMBtu CO ₂ emission limit shall be determined on a 12-operating-month rolling average basis.	Submit all emissions and emission calculations to demonstrate compliance to the CPM for approval.	Submit all emissions and emission calculations as part of the 4th Quarterly Operational Report (AQ-SC7).		Ongoing		Not Started												SERC	DSR									

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U										
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre-Construction																	
All Phases													Construction																	
Revised 4/30/2019													Commissioning																	
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager										
AQ	AQ-E5	COM/OPS	The project owner shall vent this equipment, during filling, only to the vessel from which it is being filled.	Make the site available for inspection by representatives of the District, ARB, EPA and the Energy Commission.			Ongoing												SERC	DSR										
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.	Make the site available for inspection by representatives of the District, ARB, EPA and the Energy Commission.	NA	Design and operation	Conditional												SERC	DSR										
AQ	AQ-H1	COM/OPS	NOx CEMS Performance Evaluation - Initial performance test of the turbine to demonstrate compliance of §60.430, and 3	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		No later than 180 days after initial start-up	9/17/2020												SERC	DSR										
AQ	AQ-H2	COM/OPS	NOx CEMS requirements - The NOx CEMS shall comply with the requirements of conditions DB2.2 (AQD5), H23.1 (AQ-H1), and H23.2 (AQ-H2).	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.			Ongoing												SERC	DSR										
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.			Ongoing												SERC	DSR										
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.			Ongoing												SERC	DSR										
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.		Source test results	No later than 90 days following the source test date	6/30/2019												SERC	DSR										
AQ	AQ-K2	CONS/COM/OPS	The project owner shall keep records, in a manner approved by the district, for the following parameter(s) or item(s). For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in 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 supplied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings. [RULE 3004(a)(4) - Periodic Monitoring, 12-12-1997] [Devices subject to this condition: E14]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	make site available for inspection	ongoing	Ongoing												SERC	TLB										
AQ	AQ-SC1	PC	Air Quality Construction/Demolition Mitigation Manager (AQCM) - The project owner shall designate and retain an on-site AQCM 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 AQCM and all AQCM Delegates. The AQCM and all delegates must be approved by the CPM and all AQCM Delegates before the start of ground disturbance.	Resume of AQCM & AQCM 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										
AQ	AQ-SC2	PC	Air Quality Construction Mitigation Plan - The project owner shall provide an AQCM, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQ-SC3, AQ-SC4, and AQ-SC5.	Submit the AQCM 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 AQCM must be approved by the CPM before the start of ground disturbance.	AQCM	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018	Completed	11/19/2018										SERC	GAL									
AQ	AQ-SC3	CONS	Air Quality Fugitive Dust MCR - The AQCM 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	Ongoing												SERC	GAL										

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U			
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBO Color Code:	Pre-Construction									
All Phases														Construction									
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL			
AQ	AQ-SC4	CONS	AQ Dust Plume Monitoring - The AQCM 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 AQCM 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 AQCM 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	Ongoing																
AQ	AQ-SC5	CONS	AQ Construction Mitigation Report - The AQCM 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 AQCM to verify compliance with this condition.	MCR	Monthly	Ongoing												SERC	GAL			
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 modifications 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			
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			
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.			Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing				Not Started								SERC	DSR			
BIO	BIO-1a	PC	Designated Biologist Selection - The project owner shall assign at least one Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact information, to the Energy Commission compliance project manager (CPM) for approval. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition (BIO-1). See Decision for qualifications.	The specified information shall be submitted at least 75 days prior to the start of pre-construction site mobilization activities. No pre-construction site mobilization or construction-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								JACOBS	GAL			
BIO	BIO-1b	PC/CONS	Designated Biologist Selection - The project owner shall assign at least one Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact information, to the Energy Commission compliance project manager (CPM) for approval. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition (BIO-1). See Decision for qualifications.	If a Designated Biologist is replaced, the specified information for the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist.	DB Resume	Notify CPM 10 working days in advance of replacing DB.	Conditional				Not Started								JACOBS	GAL			
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	Ongoing				In Progress								SERC	GAL			
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	Ongoing				In Progress								SERC	GAL			

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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBO Color Code:	Pre-Construction																		
All Phases														Construction																		
Revised 4/30/2019														Commissioning																		
Based on Final Staff Assessment														Operations																		
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager												
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												
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 30 days prior to their first day of monitoring activities.	Conditional	4/9/2019	Completed	4/18/2019									JACOBS	GAL												
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												
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												
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 CDOW. 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												
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												
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												
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	Ongoing		In Progress										ARB	GAL												

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All Phases														Construction																		
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR												
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	Annual training and new employee training		Not Started																							
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	12/21/2019	10/19/2018	Completed	12/13/2018									JACOBS	GAL												
BIO	BIO-6b	PC/CONS/PS	Additional Permits (BRMIMP) - See BIO-6a. If additional permits are received after the BRMIMP is first submitted, provide these to the CPM and submit a revised BRMIMP.	Submit permits not received before the draft BRMIMP is submitted to the CPM. Revised and re-submit the BRMIMP to include discussion of such permits.	Revised BRMIMP	Submit copies to CPM with 5 days of receipt. Provide revised BRMIMP within 10 days of permit receipt	Conditional		Not Started										JACOBS	GAL												
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 modifications	Conditional		Not Started										SERC	GAL												
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	Ongoing		In Progress										SERC	GAL												
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												
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	Ongoing		In Progress										SERC	GAL												
BIO	BIO-7b	CONS	General Impact Avoidance and Mitigation Measures - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See Decision for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Construction Closure Report (See BIO-6c)	Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	5/8/2020		Not Started										JACOBS	GAL												
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: 8/14/19	1/22/2019 2/4/2019 7/3/2019 7/3/2019 7/9/2019	In Progress	7/3/2019 7/11/2019						CDFW, USFWS	1/22/2019		JACOBS	GAL												
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. 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.	Provide field notes within 24 hours of survey	1/21/2019, 2/1/2019, 2/14/2019 2/11/2019 For Gas Line: 9/3/19	1/22/2019 2/1/2019 5/7/19	Complete							CDFW, USFWS			JACOBS	GAL												

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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBO Color Code:	Pre-Construction									
All Phases													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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to? CDFW, USFWS	Date Submitted to Other agencies Gas Line: 5/7/19	Date Approved by Other Agencies	Responsible Party JACOBS	SERC Project Manager GAL			
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: 9/3/2019	1/28/2019 2/8/2019 2/27/2019	In Progress	N/A													
BIO	BIO-8c	CONS	Implementation of Nest Surveys and Inclusion in BRMMMP - (See Decision BIO-8a for specific guideline items)	All impact avoidance and minimization measures related to nesting birds shall be included in the BRMMMP and implemented.	Revised BRMMMP (BIO-6)	After pre-construction nesting surveys	Ongoing For Gas Line 9/23/19	N/A	Ongoing	N/A									JACOBS	GAL			
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	Ongoing		In Progress										JACOBS	GAL			
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, non-compliance, or a halt of jack-and-bore operations	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional	Not Started											SERC	GAL			
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			
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	1/17/2019	Completed	1/18/2019				1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT			
CIVIL	CIVIL-1b	PC	Erosion and Sedimentation Control Plan - See CIVIL-1a	15 days before site grading	Erosion and Sedimentation Control Plan	At least 15 days prior to the start of site grading	12/18/2018	1/17/2019	Completed	1/18/2019				1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT			
CIVIL	CIVIL-1c	PC	Construction Stormwater Pollution Prevention Plan - See CIVIL-1a	15 days before site grading	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018	1/17/2019	Completed	1/18/2019				1/7/2019	2/6/2019				SERC	TAT			
CIVIL	CIVIL-1d	PC	Related Calculations and Specs Stamped by Civil Engineer - See CIVIL-1a	15 days before site grading	Related Calculations and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading		N/A	N/A	N/A									SERC	TAT			
CIVIL	CIVIL-1e	PC	Soils, Geotechnical, or Foundation Reports - See CIVIL-1a	15 days before site grading	Soil, Geotechnical, or Foundation Investigation Reports	At least 15 days prior to the start of site grading	Ongoing	N/A	N/A	N/A				Ongoing					SERC	TAT			
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	Monthly Compliance Report		In Progress					3/13/19 4/11/19					SERC	GAL			
CIVIL	CIVIL-2a	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected area 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 owner shall 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 unforeseen adverse soil or geologic conditions are identified by RE	Conditional	Conditional					Conditional						SERC	GAL			
CIVIL	CIVIL-2b	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected area 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 owner shall 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	Conditional					Conditional						SERC	GAL			

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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre-Construction																		
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager TLB											
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																								
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 \$83,336, 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	PTM1 - Additional Laydown Area - 5/22/2019	Completed	6/21/2019	No								SERC	PC											
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.	10/18/2018	12/17/2018	Completed	1/17/2019									SERC	GAL											
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											
COM	COM-12b	COM/OPS	Emergency Response Site Contingency Plan - Subsequently, no less than 60 days prior to the start of commercial operation, the project owner shall update (as necessary) and resubmit the Contingency Plan for CPM review and approval. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness for a series of reasonably foreseeable emergency events.	See Decision COM-12 for specifications	Updated Emergency Response Site Contingency Plan	60 prior to COD	1/17/2020		Not Started										SERC	DSR											
COM	COM-13a	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 hazard release; odorous material release; emergency response incident.	Detailed Incident Report	Within 6 business days of the incident	Conditional		Conditional										SERC	GAL											
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 resubmission is	monthly status reports	monthly after incident	Conditional		Conditional										SERC	GAL											
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		Conditional										SERC	DSR											

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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:		Pre-Construction									
All Phases												6/30/2040				Construction							
Revised 4/30/2019														Based on Final Staff Assessment		Commissioning							
														Operations									
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
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 Alternate 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 (alt)	Completed	10/18/2018 3/11/2019 (alt)									JACOBS	GAL			
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		Conditional										JACOBS	GAL			
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 6/20/2019	In Progress	12/3/2018 7/18/2019									JACOBS	GAL			
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			
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 CPM or NAMs beginning on-site duties	Conditional		conditional										JACOBS	GAL			
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	conditional	3/11/2019 4/29/2019									JACOBS	GAL			
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		conditional										JACOBS	GAL			
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	1/3/2019	Completed	1/8/2019									JACOBS	GAL			
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 activities are approved by the CPM.	Receive approval letter from CPM	No ground disturbance shall occur without approval	Conditional		Conditional										JACOBS	GAL			
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	4/18/2020		Not Started										JACOBS	GAL			
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 ESA 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	In Progress	12/3/2018										JACOBS	GAL		
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			
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			

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131	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																						
132	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	Conditional											ARB	GAL										
133	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	Conditional											JACOBS	GAL										
134	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										
135	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										
136	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)	Conditional	Conditional											JACOBS	GAL										
137	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										
138	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)	4/18/2020	Not Started											JACOBS	GAL										
139	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	Conditional											JACOBS	GAL										

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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 videos, 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										
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	11/8/2018									ARB	GAL										
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 completed 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		In Progress										SERC	GAL										
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	11/1/2018	Completed	12/3/2018									JACOBS	GAL										
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	11/8/2018									JACOBS	GAL										
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										
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		Conditional										JACOBS	GAL										
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		Conditional										JACOBS	GAL										
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		Conditional										JACOBS	GAL										
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.	Within 15 days of receiving a request from a Native American group that a NAM be employed	Conditional		Conditional										JACOBS	GAL										
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 S23A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Monthly, while monitoring occurs	Monthly		In Progress										JACOBS	GAL										
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 S23A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Weekly, while monitoring occurs	Weekly		In Progress										SERC	GAL										
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		Conditional										JACOBS	GAL										

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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL			
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 (CBCS), 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 CBCS is in effect, the 2016 CBCS 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	6/28/2020		Not Started														
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 (CBCS), 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 CBCS is in effect, the 2016 CBCS 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 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Notice of construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Within 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Conditional		Not Started										SERC	DSR			
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	At least 60 days prior to the start of rough grading.		2.1 Updated Sched of Dwgs, Equip & Sub 1/18/2019	2.1 Approved 1/23/19					POWER	TAT			
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 Compliance Report		In Progress				1/18/2019	1/23/2019					SERC	GAL			
GEN	GEN-3a	PC/CONS/OM	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO 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/LL			

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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
GEN	GEN-3b	PC/CONS/OM	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO 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 CBO based upon a fee schedule negotiated between the Energy Commission and the CBO. 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			
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			
GEN	GEN-4b	PC/CONS	Approval of RE - See GEN-4a	Notify the CPM of the CBO's approval 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			
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		Conditional					2/6/2019	2/12/2019				SERC	TAT			
GEN	GEN-4d	PC/CONS	Notification of Newly Assigned RE - See GEN-4a	Notify the CPM of the CBO's approval 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	Completed					2/6/2019	2/12/2019				SERC	GAL			
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			
GEN	GEN-5b	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approval 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			
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		In Progress					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			
GEN	GEN-5d	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approval of the responsible 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			
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 reassignment	Conditional		Conditional										SERC	GAL/TAT			
GEN	GEN-5f	CONS	Approval of Replacement Engineers - See GEN-5a	Notify the CPM of the CBO's approval of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional	4/11/2019	Conditional			4/11/2019							SERC	GAL			
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.	Names and qualifications of certified special inspectors	At least 15 days before start of an activity requiring special inspectors	Ongoing		Not Started					PC1: 1/16/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB			
GEN	GEN-6b	CONS	Approval of Inspectors - See GEN-6a	Submit a copy of the CBO's approval of inspectors	Copies of CBO approvals in the MCR	Monthly	Monthly		Not Started					PC1: 1/16/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB			

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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBO Color Code:		Pre-Construction									
All Phases													6/30/2040		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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager				
GEN	GEN-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	Within 5 days of re-assignment	Conditional		Conditional					conditional					ARB	TLB				
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		Conditional										ARB	TLB				
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 Compliance Report		Conditional										SERC	GAL				
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		Conditional										SERC	GAL				
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.	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	Ongoing		In Progress										SERC	GAL				
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	12/4/2019		Not started										SERC	GAL				
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	3/25/2020		Not started										SERC	TAT				
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 improvements 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		N/A				1-1.0: 1/7/19 1-4.0: 1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				NVS	TAT					

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All Phases														Construction									
Revised 4/30/2019														Commissioning									
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
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			
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 strengths 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 CPM, 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.		12/31/2020		Not started										SERC	DSR			
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.	Final HMBP and SPCC to CPM	At least 30 days before receiving hazardous materials on site	7/20/2019		Not started				(Ref Only)						SERC	DSR			
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 aqueous ammonia on site	8/7/2019		Not started				(Ref Only)						SERC	DSR			
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	At least 30 days before aqueous ammonia on site	8/7/2019		Not started				(Ref Only)						SERC	DSR			
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	8/7/2019		Not started				(Ref Only)						SERC	DSR			
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	8/7/2019	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			
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	8/7/2019		Not Started										SERC	GAL			

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All Phases													Construction																	
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submital	Submital	Date Submital is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager										
HAZ	HAZ-6a	CONS	HaasMat 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)	6/30/2019		Not started					(Ref Only)						SERC	GAL									
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 30 days prior to delivery of bulk quantities (>800 gallons per delivery)	8/14/2019		Not Started					(Ref Only)						SERC	GAL									
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									
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)	In Progress	5/16/2019 (Castle Spike Topper Only)										SERC	GAL									
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									
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 blow" 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	2/5/2020		Not started											SERC	DSR									

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All Phases														Construction									
Revised 4/30/2019														Commissioning									
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
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	1.1: 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 PCL								
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 Compliance Report (one time)		Not Started					1.2: 2/8/2019	1.2: 2/8/19				SERC	GAL			
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			
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	9/24/2019		Not Started					1.4: 3/1/19	1.4: 3/1/19				Power	TAT			
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 Compliance Report (one time)		Not Started										SERC	GAL			
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			
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	9/28/2019		Not started										SERC	JBM			

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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 CPM-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	9/28/2019																								
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											
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	12/17/2018									SERC	GAL											
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											
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 Complaint Resolution Form	When the mitigation is implemented	Conditional		Conditional										SERC	GAL											
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											
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	3/30/2020		Not Started										Innova	DSR											
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	4/18/2020		Not Started										Innova	DSR											
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											
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	TRD		Not Started					(Ref Only)					Innova	DSR											

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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						GAL			
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			
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		
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		
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 & Qualls	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018 7/9/2019	Completed Completed	11/9/2018												JACOBS	GAL	
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 & Qualls	No later than one week before beginning site duties.	Conditional	6/14/2019 6/17/2019 (Campbell) 7/9/2019 (Serrano)	In Progress	6/17/2019 6/17/2019 (Campbell Approved) 7/11/2019 (Serrano)											JACOBS	GAL		
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 & Qualls	No time specified.	Conditional	2/27/2019	Completed	2/27/2019												JACOBS	GAL	
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	
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		Conditional													JACOBS	GAL	
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		Conditional													SERC	GAL	
PAL	PAL-3a	PC	Paleontological Resources Monitoring and Mitigation Plan (PRMMP) - A paleontological resources monitoring and mitigation plan (PRMMP) shall 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 authorization 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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All Phases													Construction																	
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PAL	PAL-3b	PC	Paleontological Resources Monitoring and Mitigation Plan (PRMMP) - A paleontological resources monitoring and mitigation plan (PRMMP) shall 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																				
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										
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										
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										
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		Conditional											ARB	GAL									
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									
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		Conditional											JACOBS	GAL									
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	8/8/2020		Not started											JACOBS	GAL									

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PAL	PAL-8	CONS/COM/OPS	Curator Entity/Curation Fees - The project owner, through the designated PRS, shall ensure that all components of the PRMAP 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	10/22/2020													JACOBS	GAL		
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 7213 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		
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. CA5000002) 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		
S&W	SOIL & WATER-1b	PC	NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRCB	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		
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		Conditional					SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19					SERC	GAL		
S&W	SOIL & WATER-2a	PC	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, 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 non-compliance, 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 (Rev 3/19) 3/27/2019	Completed	9/14/2018				PC1.1/1/2019 PC2-2/21/19 PC3: 3/18/19 (Ref Only)	3/27/2019					SERC	GAL		
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	12/1/2018				(Ref Only)							SERC	GAF	
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 30 days of its mailing or receipt	Conditional		Conditional					(Ref Only)							SERC	GAL	

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All Phases														Construction									
Revised 4/30/2019														Commissioning									
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
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 are obtained.	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 6/30/2019	12/4/2018	Completed	Not	12/13/2018			(Ref Only)					SERC	GAL			
S&W	SOIL & WATER-3b	PC	NPDES Plans and Permits - See SOIL&WATER-3a	The project owner shall submit to the CPM a copy of the relevant plans and permits received.	Plans and permits	Thirty days (30) prior to project construction	12/3/2018	12/6/2018	Completed		12/11/2018			(Ref Only)					SERC	GAL			
S&W	SOIL & WATER-3c	PC/CONS/PS	Correspondence with SWRCB - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB regarding NPDES permits in the annual compliance report.	Copies of correspondence	Annual Compliance Report	6/30/2019		Not Started					(Ref Only)					SERC	GAL			
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 Compliance Report		In Progress					(Ref Only)									
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)					ARB	GAL			
S&W	SOIL & WATER-5a	PC/CONS/PS	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 of requirements and necessary fees paid for connection to CPM	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	12/3/2018 6/30/2019	11/29/2018	Completed	Not	12/1/2018			(Ref Only)					ARB	GAL			
S&W	SOIL & WATER-5b	PC/CONS/OM/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.	Complete	2/22/2019 3/21/2019 (update)	Completed					(Ref Only)					SERC	GAL			
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		Not Started					(Ref Only)					SERC	DSR			
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	Not Started		5/16/2019			(Ref Only)					ARB	GAL			
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.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Annual Compliance Report	6/30/2019		Not Started					(Ref Only)					SERC	DSR			
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 402, Section 404, Section 408, Streambed Alteration Agreement.	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Completed		6/19/2019			(Ref Only)					S&C&G	GAL			

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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBO Color Code:	Pre-Construction										
All Phases														Construction										
Revised 4/30/2019														Commissioning										
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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL				
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)									
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				
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 for 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: 3/7/2019 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 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	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: 5/13/19 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	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: 5/13/19 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									Power	GAL
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 Compliance Report		In Progress					Monthly						SERC	GAL			
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 Compliance Report		In Progress					Monthly						SERC	GAL			
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		Conditional											SERC	GAL			
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 and CPM	Within 5 days of the resolution of the NCR	Conditional		Conditional											SERC	GAL			
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		Conditional											SERC	GAL			
STRUC	STRUC-2d	CONS	Corrective Action Documentation - See STRUC-2a	If disapproved, 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		Conditional											SERC	GAL			

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TRANS	TRANS-2c	PC	Letters of Comment on TCP - See TRANS-2a	The project owner shall provide copies of any comment letters received from the city of Stanton or any other interested agencies, along with any changes to the TCP, for CPM review and approval.	Copies of comment letters	At least 30 calendar days prior to the start of construction	1/5/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019				JACOBS	GAL		
TRANS	TRANS-2d	PC	Final TCP to City - See TRANS-2a	The project owner shall provide completed copies of the final TCP to the city of Stanton and any other interested agencies, sending copies of the correspondence to the CPM.	Copies of final TCP to City and interested parties	After CPM review and approval	3/1/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019	3/4/2019	JACOBS	GAL		
TRANS	TRANS-3a	PC	Restoration of Public Roads, Easements, and Rights-of-Way - The project owner shall restore all public roads, easements, rights-of-way, and any other transportation infrastructure damaged due to project-related construction and traffic. Restoration shall be completed in a timely manner to the infrastructure's original condition. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of site mobilization, the project owner shall notify the relevant agencies, including the city of Stanton, county of Orange, Caltrans District 12, and any jurisdictions affected by construction of the linear facilities, of the proposed schedule for project construction. The purpose of this notification is to request that these agencies consider postponement of any planned public right-of-way repairs or improvement activities in areas affected by project construction until construction is completed, and to coordinate any concurrent activities that cannot be postponed.	Prior to the start of site mobilization, the project owner shall videotape roads and intersections along the major routes construction vehicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other recorded visual media to the CPM.	Videotape of pre-project road conditions	Prior to the start of site mobilization	1/31/2019	1/30/2019	Completed	1/31/2019				1/31/2019 (Ref Only)	1/31/2019				SERC	GAL		
TRANS	TRANS-3b	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/agencies stating their satisfaction with the repairs.	Notify CPM and affected agencies to identify sections to be repaired. Establish schedule for completion of repairs with CPM.	After road damage has been identified	Conditional		Conditional					(Ref Only)					SERC	GAL		
TRANS	TRANS-3c	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/agencies stating their satisfaction with the repairs.	Letters signed by the agency accepting the repairs	Following completion of repairs	Conditional		Conditional					(Ref Only)					SERC	GAL		
TRANS	TRANS-4a	PC	Encroachment into Public Rights-of-Way - Prior to any ground disturbance, improvements, or obstruction of traffic within any public road, easement, or right-of-way, the project owner shall coordinate with all applicable jurisdictions, including the city of Stanton, to obtain necessary encroachment permits and comply with all applicable regulations, including applicable road standards.	The project owner shall provide copies to the CPM of all permits received from any affected jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19 SCE 9/20/19		Not Started					(Ref Only)					SoCalGas/SCE	GAL		
TRANS	TRANS-4b	CONS/OPS	Copies of Permits - See TRANS-4b	The project owner shall retain copies of the issued permits and supporting documentation in its compliance file.	Copies of the issued permits	Minimum of 180 calendar days after the start of commercial operation.	11/12/2020		Not started					(Ref Only)					SERC	TLB		

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Based on Final Staff Assessment														Operations									
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
TRANS	TRANS-5a	CONS	Transportation of Hazardous Materials - The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in MCRs	Monthly during construction	Monthly Compliance Report		In Progress					(Ref Only)					SERC	GAL			
TRANS	TRANS-5b	OPS	Transportation of Hazardous Materials - The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in MCR	Annual Compliance Report	12/31/2020		Not started					(Ref Only)					SERC	DSR			
TRANS	TRANS-6a	PC	Rail Crossing Safety Plan - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the city of Stanton for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	11/1/2018	Completed	12/21/2018									Jacobs	GAL			
TRANS	TRANS-6b	PC	Rail Crossing Safety Plan - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the Union Pacific Railroad (UPRR) for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	11/1/2018	Completed	N/A						UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL			
TRANS	TRANS-6c	PC	Rail Crossing Safety Plan - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the City of Stanton and UPRR requesting review and comment.	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	12/3/2018	Completed	1/24/2019						City of Stanton UPRR	City of Stanton: 10/29/2018; UPRR: 11/1/2018		SERC	GAL			
TRANS	TRANS-6d	PC	Final Rail Crossing Safety Plan - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	12/3/2018	Completed - No letters received	1/24/2019									JACOBS	GAL			
TRANS	TRANS-6e	PC	Final Rail Crossing Safety Plan - See TRANS-6a	After CPM review and approval, the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019						City of Stanton UPRR			SERC	GAL			
TRANS	TRANS-7	CONS	FAA Notification for Construction Equipment at or Exceeding 153 Feet AGL - The project owner or its contractor(s) shall file Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration, with the FAA for any construction equipment 153 feet above ground level (AGL) or taller. The project owner shall comply with any conditions imposed by the FAA as part of their hazard determination, such as marking and lighting requirements.	The project owner shall submit to the CPM a copy of the FAA's hazard determination.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 30 days prior to the presence of any construction equipment 153 feet AGL or taller	4/24/2019	4/24/2019 5/1/2019 (corrected elevation)	Completed	5/1/2019									Jacobs	GAL			
TRANS	TRANS-8a	CONS	Pilot Notification and Awareness - The project owner shall initiate the following actions to ensure pilots are aware of the project location and potential hazards to aviation. (See Decision TRANS-8 for specifications).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager. The letters should request a response within 30 days that includes a timeline for implementing the required actions.	Draft letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days following the start of construction	4/19/2019	3/20/2019	Completed	3/22/2019									JACOBS	GAL			

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All Phases														Construction									
Revised 4/30/2019														Commissioning									
Based on Final Staff Assessment														Operations									
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
TRANS	TRANS-8b	CONS	Final Letters to FAA, LAAA, and FMA - See TRANS-8a	The project owner shall submit the required letters of request to the FAA, the LAAA Manager, and the FMA Manager. The project owner shall submit copies of these requests to the CPM. A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Final letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days after CPM approval of the draft language	5/7/2019	3/22/2019	Completed							Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL			
TRANS	TRANS-8c	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019 Additional LAAA correspondence Transmitted on 5/13/19	Completed	4/11/2019									SERC	GAL			
TRANS	TRANS-8d	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Contact CPM if FAA, LAAA Manager or FMA manager does not respond	Within 30 days after submittal	5/8/2019	5/8/2019	Completed	5/9/2019									SERC	GAL			
TSE	TSE-1	CONS	Schedule of Design, Master Drawing List, Specification Lists - Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition (See Decision TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	Prior to the start of construction, submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	Prior to the start of construction of transmission facilities	5/1/2019	5/30/2019	Completed	6/17/2019				5/29/2019	6/12/2019				Power	GAL			
TSE	TSE-2a	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Approval of Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter by CBO	Prior to the start of each increment of construction - Switchyard a) Civil design b) Structural design c) electrical design Gen-Tie a) Civil design b) electrical design	6/30/2019		Not started										Power / SCE	GAL			
TSE	TSE-2b	CONS/COM /ORS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Maintain Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter	For 1 year after completion of construction	5/22/2020		Not Started										SERC	DSR			
TSE	TSE-2c	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Make request for CBO inspection of installation applicable to LORS	During construction	6/30/2019		Not Started										SERC	TLB			
TSE	TSE-2d	CONS/COM /ORS	Transmittal Letter in MCR - See TSE-2a	Send the CPM a copy of the transmittal letter to the CBO in the next monthly compliance report.	Transmittal in MCR	Monthly if needed	Ongoing		Not Started										SERC	GAL			
TSE	TSE-3	CONS/COM /ORS	Design, Construction, and Operation of Transmission Facilities - The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition. (See Decision TSE-3 for further specifications).	Prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list	Prior to the start of construction or modification of transmission facilities	6/30/2019		Not Started										SERC	GAF			

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TSE	TSE-4a	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	CAISO letter and report of conversation with CAISO	Letter one week prior and report of conversation one day before initial synchronization with the grid	12/19/2019																							
TSE	TSE-4b	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Telephone notification to CAISO Outage Coordination department Note: use recorded line at 24hr desk	Letter one business day prior and report of conversation one day before initial synchronization with the grid	12/26/2019												SERC	DSR										
TSE	TSE-5a	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	Inspect transmission facilities during and after project construction. Contact CBO in writing with non-conformance of the transmission facility.	Within 10 days of discovering non-conformance	Conditional				Not Started								SERC	TLB										
TSE	TSE-5b	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	"As built" engineering descriptions and one line drawings of electrical portion of facility, signed and sealed by Electrical Engineer in charge and a statement attesting conformance	Within 60 days after first synchronization of the project	3/12/2020				Not Started								SERC	GAF										
TSE	TSE-5c	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	"As built" engineering descriptions of mechanical structure and civil portion of transmission facilities signed and sealed by Registered Engineer and maintain records at plant	Within 60 days after first synchronization of the project	3/12/2020				Not Started								SERC	GAF										
TSE	TSE-5d	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	Summary of inspections of the completed transmission facilities and identification of any nonconforming work and corrective actions taken, signed and sealed by registered engineer submitted to CPM and CBO	Within 60 days after first synchronization of the project or completed transmission facilities	3/12/2020				Not Started								SERC	GAF										

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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	
VIS	VIS-1a	PC	Surface Treatment of Project Structures - The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be non-specular and non-reflective, and the insulators shall be non-reflective and non-refractive. See Decision VIS-1 for specifications.	The project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface-treated during manufacture	11/10/2017	2/26/19 3/6/2019	Completed	3/14/2019				3/12/2019 (Ref Only)	3/18/2019	City of Stanton	3/6/2019	3/11/2019 (City of Stanton Approval - no comments)	SERC	GAL	
VIS	VIS-1b	PC/CONS	Revised Surface Treatment Plan - See VIS-1a	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	Revised Surface Treatment Plan	Before any treatment is applied	Conditional		Conditional					(Ref Only)					SERC	GAL	
VIS	VIS-1c	CONS	Notification that Treatment Completed - See VIS-1a	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection and shall submit one set of electronic color photographs from the same Key Observation Points (KOP) 1 and 2.	Notification that surface treatment is completed and color photographs	Prior to the start of commercial operation	4/1/2020		Not Started					(Ref Only)					SERC	GAL	
VIS	VIS-1d	OPS	Surface Treatment Maintenance - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACR. The report shall specify a)- the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year	Status Report	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	DSR	
VIS	VIS-2a	CONS	Screening Landscaping Plan - The project owner shall also submit to the CPM for review and approval, and simultaneously to the city of Stanton for review and comment, a detailed landscape plan and irrigation plan for the power plant site in fulfillment of requirements of applicable laws, ordinances, regulations, and standards, including water efficiency irrigation standards as required by the city of Stanton. See Decision VIS-2 for specifications.	The landscaping plans and irrigation plans shall be submitted to the CPM for review and approval and simultaneously to the city of Stanton for review and comment at least 90 days prior to installation.	Landscaping and irrigation plans	At the earliest feasible time during or prior to construction and at least 90 days prior to installation	11/3/2019		Not Started					(Ref Only)					SERC	GAL	
VIS	VIS-2b	CONS	Revised Landscaping and Irrigation Plans - See VIS-2a	If the CPM determines that the plans require revision, the project owner shall provide to the CPM and simultaneously to the city of Stanton a revised plan for review and approval by the CPM.	Revised landscaping and irrigation plans	No specific time frame	Conditional		Conditional					(Ref Only)					SERC	GAL	
VIS	VIS-2c	COM/OPS	Landscape Installation Timing - See VIS-2a	The planting must occur during the first optimal planting season following completion of site construction	Landscape and irrigation installation	First optimal planting season following construction	2/24/2020		Not Started					(Ref Only)					ARB	GAF	
VIS	VIS-2d	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall simultaneously notify the CPM and the city of Stanton within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.	Notification that landscape is ready for inspection	Within seven days of completing the landscaping	4/26/2020		Not Started					(Ref Only)					SERC	GAL	
VIS	VIS-2e	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall report landscaping maintenance activities, including replacement or dead or dying vegetation, for the previous year of operation in each ACR. The CPM shall have authority to require replacement planting of dead or dying vegetation through the life of the project	Status Report	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	DSR	
VIS	VIS-3a	CONS	Site Lighting, Project Construction and Commissioning - Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting impacts. (See Decision VIS-3 for specifications).	The project owner shall notify the CPM that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019									ARB	GAL	

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VIS	VIS-4f	COM/OPS	Lighting System Complaint - See VIS-4a	Within 48 hours of receiving a complaint about permanent project lighting, the project owner shall provide to the CPM a copy of the complaint report and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Notice to CPM	Within 48 hours of receiving a complaint permanent project lighting	Conditional	Date Submitted to CPM	Conditional					(Ref Only)								
VIS	VIS-4g	COM/OPS	Status Report in ACR - Lighting System - See VIS-4a	Project owner shall report any complaints about permanent lighting and document their resolution in the ACR, accompanied by copies of completed complaint report and resolution forms for that year. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan.	Status Report	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	DSR		
VIS	VIS-4h	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	Prior to COD, project owner shall notify CPM that installation of the lighting has been completed and is ready for inspection.	Notification to CPM	Prior to COD	4/1/2020		Not Started					(Ref Only)					SERC	GAL		
VIS	VIS-4i	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.	Notification to CPM	Within 30 days of receiving notification	Conditional		Not Started					(Ref Only)					SERC	GAL		
WASTE	WASTE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 30 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit a Soils	Obtain approval letter from Orange County Waste and Recycling	30 days prior to transportation of soils for disposal to Olinda Alpha Landfill	1/19/2019	2/5/2019	Completed	2/12/2019						Orange County Waste and Recycling	2/5/18	2/12/18	SERC	GAL		
WASTE	WASTE-10b	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 5 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit to the	Approval letter/correspondence from Orange County Waste and Recycling	5 days prior to transportation of soils for disposal to Olinda Alpha Landfill	2/13/2019	2/14/2019	Completed	2/22/2019									SERC	GAL		
WASTE	WASTE-1a	PC	Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval.	Soil Management Plan Summary (SMP to be written and provided by NVS)	At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018									JACOBS	GAL		
WASTE	WASTE-1b	CONS	SMP Summary - See WASTE-1a	An SMP summary shall be submitted to the CPM within 25 days of completion of any earthwork.	Soil Management Plan Summary	Within 25 days of completion of any earthwork	5/19/2020		Not Started										JACOBS	GAL		
WASTE	WASTE-2	PC	Professional Engineer/Geologist - Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation and grading activities, to the	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	12/3/2018	11/30/2018	Completed	1/8/2019									JACOBS	GAL		
WASTE	WASTE-3a	CONS	Final Engineer/Geologist Report - If seemingly contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities (as evidenced by discoloration, odor, detection by handheld instruments, or other signs), the professional engineer or geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within five days of their receipt.	Final reports by the engineer or geologist	Within 5 days of receipt	Conditional	6/12/19 (final NYS reports on 2 barrels and notification of barrel removal)	Completed	6/12/2019									JACOBS	GAL		
WASTE	WASTE-3b	CONS	Construction Halt Notification - See WASTE-3a	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction due to contaminated soil.	Notify the CPM	Within 24 hours of orders to halt construction	Conditional		Conditional										SERC	GAL		

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U				
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBO Color Code:		Pre-Construction									
All Phases													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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager				
WASTE	WASTE-7	CONS/OPS	Enforcement Action Notification - Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.	Notify CPM	Within 10 days of becoming aware of an impending enforcement action.	Conditional		Conditional															
WASTE	WASTE-8a	COM/OPS	Operation Waste Management Plan - The project owner shall prepare an Operation Waste Management Plan for all wastes generated during operation of the facility and shall submit the plan to the CPM for review and approval. See Decision WASTE-8 for specifications.	The project owner shall submit the Operation Waste Management Plan to the CPM for approval.	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	4/1/2020		Not Started										SERC	DSR				
WASTE	WASTE-8b	COM/OPS	Revised OWMP - See WASTE-8a	The project owner shall submit any required revisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of notification from the CPM that revisions are necessary.	Conditional		Not Started										SERC	DSR				
WASTE	WASTE-8c	OPS	OWMP Report in ACR - See WASTE-8a	Project owner shall also document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generated and management	Status Report	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR				
WASTE	WASTE-9	CONS/OPS	Unauthorized Release Response - The project owner shall ensure that all spills or releases of hazardous substances, materials, or waste are reported, cleaned up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements.	The project owner shall document all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors to the CPM. Information including the location of release; date and time of release; reason for release; volume released; amount of contaminated soil/material generated; how release was managed and material cleaned up; if the release was reported; to whom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved; and actions taken to prevent a similar release or spill; and disposition of any hazardous waste and/or contaminated soils and materials that may have been generated by the release.	Information about unauthorized release or spill	Within 48 hours of the date the release was discovered	3/1/2019 6/14/2019		Completed	3/7/2019 6/18/2019									SERC	GAL				
WORKER SAFETY	WORKER SAFETY-1a	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall submit to the CPM for review and approval a copy of the Project Construction and Safety and Health Program.	Construction Health & Safety Program w/DCA Comments CPPP and CAP	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	1/29/2019				1/16/19	2/4/2019				ARB	GAL				

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U			
Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)													CBQ Color Code:	Pre-Construction									
All Phases														Construction									
Revised 4/30/2019														Commissioning									
Based on Final Staff Assessment														Operations									
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to? OCA	Date Submitted to Other Agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
WORKER SAFETY	WORKER SAFETY-1b	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall provide to the CPM a copy of a letter from the Orange County Fire Authority stating the fire department's comments on the Construction Fire Prevention Plan and the Emergency Action Plan.	Construction Health & Safety Program w/OCFA Comments CFPF and EAP	At least 30 days prior to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019	Completed - No letters received	N/A				1/16/19	2/4/2019		12/3/2018	No response	ARB	GAL			
WORKER SAFETY	WORKER SAFETY-2a	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	12/29/2019		Not Started					1/16/19	2/4/2019				SERC	DSR			
WORKER SAFETY	WORKER SAFETY-2b	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall provide a copy to the CPM of a letter from the Orange County Fire Authority stating the fire department's timely comments on the Operations Fire Prevention Plan, Fire Protection System Impairment Program, and Emergency Action Plan.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	12/29/2019		Not Started					1/16/19	2/4/2019				SERC	DSR			
WORKER SAFETY	WORKER SAFETY-3a	PC	Construction Safety Supervisor - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See Decision WORKER SAFETY-3 for specifications). The CSS shall perform the duties listed in this condition.	The project owner shall submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS).	CSS Name/Contact	At least 30 days prior to the start of site mobilization	12/3/2018	11/20/2018	Completed	11/21/2018	At least 30 days prior to the start of site mobilization			1/16/2019	1/17/2019				ARB	GAL			
WORKER SAFETY	WORKER SAFETY-3b	PC/CONS	Replacement CSS - See WORKER SAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business day.	Replacement CSS Name/Contact	Within one business day	Conditional		Conditional					conditional					ARB	GAL			
WORKER SAFETY	WORKER SAFETY-3c	CONS	H&S Information Reported in MCR - See WORKERSAFETY-3a	The CSS shall submit health and safety information in the Monthly Compliance Report (See Decision WORKERSAFETY 3 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly Compliance Report		In Progress					Monthly					ARB	GAL			
WORKER SAFETY	WORKER SAFETY-4	PC	Agreement to Fund Safety Monitor - The project owner shall make payments to the Delegated Chief Building Official (DCBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the DCBO. Those services shall be in addition to other work performed by the DCBO. The Safety Monitor shall be selected from an independent company not affiliated with the DCBO and report directly to the DCBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification WORKER SAFETY-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	The project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement to fund Safety Monitor	At least 60 days prior to the start of construction	11/3/2018	11/1/2018	Completed	1/18/2019				1/25/2019	1/25/2019				SERC	GAL			
WORKER SAFETY	WORKER SAFETY-5a	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-5).	Submit to the CPM proof that a portable AED is available on site.	Proof of AED	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL			
WORKER SAFETY	WORKER SAFETY-5b	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-5).	Submit to the CPM a copy of the training and maintenance program for review and approval.	Training Program	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL			
WORKER SAFETY	WORKER SAFETY-6a	PC	Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the Orange County Fire Authority for review and timely comment	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019				Jacobs	GAL			

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Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:		Pre-Construction									
All Phases							6/30/2040						Construction										
Revised 4/30/2019							Based on Final Staff Assessment						Commissioning										
													Operations										
Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
WORKER SAFETY	WORKER SAFETY-6b	PC	Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the CPM for review and approval.	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL			
WORKER SAFETY	WORKER SAFETY-6c	PC/CONS	Emergency Access Plan, Revised - See WORKERSAFETY 6a	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the Orange County Fire Authority for review and timely comment	Emergency Access Plan showing the secondary emergency access road	90 days before a change to the secondary access would occur	Conditional		Conditional					1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL			
WORKER SAFETY	WORKER SAFETY-6d	PC/CONS	Emergency Access Plan, Revised - See WORKERSAFETY 6a	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the CPM for review and approval.	Emergency Access Plan showing the secondary emergency access road	91 days before a change to the secondary access would occur	Conditional		Conditional					1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL			
WORKER SAFETY	WORKER SAFETY-7a	PC/CONS	Fire Protection System Specifications - The project owner shall ensure that the project adheres to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the Orange County Fire Authority for review and comment	Fire protection system specifications and drawings to the OCFA	At least 60 days prior to the start of construction of the fire protection system	8/5/2019		In Progress							OCFA	2/4/19		POWER	TAT			
WORKER SAFETY	WORKER SAFETY-7b	PC/CONS	Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the CPM for review and approval	Fire protection system specifications and drawings to the CPM	At least 60 days prior to the start of construction of the fire protection system	12/6/2018	2/6/2019 Additional Submittals made on 4/22/19	In Progress	Pending									Power	GAL			
WORKER SAFETY	WORKER SAFETY-7c	PC/CONS	Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the DCBO for plan check approval and construction inspection.	Fire protection system specifications and drawings to the DCBO	At least 60 days prior to the start of construction of the fire protection system	8/5/2019		In Progress					7-1.0: 3/14/19 7-2.0: 3/29/19 7-3.0: 4/18/19 7-4.0: 4/18/19 7-5.0: 4/18/19 7-6.0: 5/1/19	7-1.0: 5/14/19 7-2.0: 5/15/19 7-3.0: 5/16/19 7-4.0: 7-5.0 7-6.0: 5/14/19				Power	GAL			
WORKER SAFETY	WORKER SAFETY-8a	PC	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	Copy of UL 9540 design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 9540 certification to the CPM.	At least 60 days prior to the start of construction of BESS	10/3/2019	11/1/2018	Completed	11/13/2018									SERC	GAL			
WORKER SAFETY	WORKER SAFETY-8a.1	PC	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	Copy of UL 9540 design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 9540 certification to the CBO.	At least 60 days prior to the start of construction of BESS	10/3/2019	11/1/2018	Completed	11/13/2018				(Ref Only)					SERC	GAL			

Attachment 3 – Air Quality

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United States
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Subject **Stanton Energy Reliability Center (16-AFC-1C)
Air Quality Monthly Compliance Report
July 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 July 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 July 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 (AQCM) 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 July 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

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

AQ-SC4 Dust Plume Response Requirement

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

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

Visible dust plumes with the potential to be transported offsite were not observed in July 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 July 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
CASE	580 SN - Backhoe	BX3T54
Case	580 Super N Back Hoe	TP8N95
CAT	Rough Terrain Forklift	SF7A56
CAT	259D Skid Steer Loader	NG3U86
Deere	210l Skip Loader	WK9J63
Genie	Forklift - Variable Reach	KT3V94
Genie	5K Reach Fork	JW5N58
Xtreme	XR1255 Forklift	VC6G63
Xtreme	XR2045 Forklift	TF6J89

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: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.07.02 14:13:43
-0700

Date: 7/1/2019

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 before 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

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.07.02 18:32:18
-0700

Date: 7/2/2019

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 before 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: 2019.07.07 11:54:49
-0700

Date: 7/3/2019

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 before 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

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.07.09 06:58:57
-0700

Date: 7/8/2019

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 before 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

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.07.09 17:12:24
-0700

Date: 7/9/2019

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 before 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: 2019.07.12 16:03:25
-0700

Date: 7/10/2019

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 before 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: 2019.07.12 16:11:35
-0700

Date: 7/11/2019

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 before 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: 2019.07.12 16:05:08
-0700

Date: 7/12/2019

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 before 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: 2019.07.15 07:57:55
-0700

Date: 7/13/2019

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 before 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: 2019.07.16 17:35:42
-0700

Date: 7/15/2019

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 before 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: 2019.07.16 17:36:13
-0700

Date: 7/16/2019

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 before 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: 2019.07.18 05:55:43
-0700

Date: 7/17/2019

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 before 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: Jon

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.07.18 16:46:18
-0700

Date: 190718

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 before 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	

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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: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.07.19 15:28:38
-0700

Date: July 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 before 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	

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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: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.07.22 15:16:40
-0700

Date: July 22, 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 before 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: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.07.23 17:03:23
-0700

Date: July 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 before 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	

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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: 2019.07.24 16:39:53
-0700

Date: 7/24/2019

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 before 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: _____

Form: SERC-CAQ-001

AQCMM or Delegate signature: _____

Date: _____

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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 before 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: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble
Date: 2019.07.26 15:26:16
-0700

Date: July 26, 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 before 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	

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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: 2019.07.29 15:34:18
-0700

Date: 7/29/2019

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 before 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: 2019.07.30 17:05:26
-0700

Date: 7/30/2019

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 before 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: 2019.07.31 17:47:10
-0700

Date: 7/31/2019

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 before 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:

Minor track out was noticed during delivery of equipment on Parcel 2. Track out was promptly swept up in response to notification, this is in addition to the daily sweeping.

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		
7-1-19	1:50 pm			✓	✓	Robert Lund	
7-2-19	1:45 pm			✓	✓	Robert Lund	
7-3-19	1:30 pm	✓	✓	✓	✓	Sharon	
7-8-19	1:25 pm			✓	✓	Robert Lund	
7-9-19	2:00 pm			✓	✓	Robert Lund	
7-10-19	2:00 pm			✓	✓	Robert Lund	
7-11-19	1:30 pm			✓	✓	Robert Lund	
7-12-19	1:30 pm			✓	✓	Robert Lund	
7-15-19	1:50 pm			✓	✓	Robert Lund	
7-16-19	1:30 p			✓	✓	Robert Lund	
7-18-19	2:05 pm			✓	✓	Robert Lund	
7-19-19	1:35 pm			✓	✓	Robert Lund	
7-22-19	1:55 pm			✓	✓	Robert Lund	
7-23-19	2:00 pm			✓	✓	Robert Lund	
7-24-19	1:30 pm			✓	✓	Robert Lund	
7-25-19	1:40 pm			✓	✓	Robert Lund	
7-28-19	1:50 p			✓	✓	Robert Lund	

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		
7-1-19	700				—	<i>[Signature]</i>	
7-1-19	715				—	<i>[Signature]</i>	
7-1-19	730				—	<i>[Signature]</i>	
7-1-19	745				—	<i>[Signature]</i>	
7-1-19	800				—	<i>[Signature]</i>	
7-1-19	815				—	<i>[Signature]</i>	
7-1-19	830				—	<i>[Signature]</i>	
7-1-19	845				—	<i>[Signature]</i>	
7-1-19	900				—	<i>[Signature]</i>	
7-1-19	915				—	<i>[Signature]</i>	
7-1-19	930				—	<i>[Signature]</i>	
7-1-19	945				—	<i>[Signature]</i>	
7-1-19	1000				—	<i>[Signature]</i>	
7-1-19	1015				—	<i>[Signature]</i>	
7-1-19	1030				—	<i>[Signature]</i>	
7-1-19	1045				—	<i>[Signature]</i>	
7-1-19	1100				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-2-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-2-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-3-19</i>	<i>7005</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>715</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>730</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>745</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>8005</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>815</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>830</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>845</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>9005</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>915</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>930</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>945</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1000</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1015</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1030</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1045</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-3-19</i>	<i>1100</i>				<i>_____</i>	<i>[Signature]</i>	

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		
7-3-19	1115				_____	<i>[Signature]</i>	
7-3-19	1130				_____	<i>[Signature]</i>	
7-3-19	1210				_____	<i>[Signature]</i>	
7-3-19	1230				_____	<i>[Signature]</i>	
7-3-19	1245				_____	<i>[Signature]</i>	
7-3-19	100				_____	<i>[Signature]</i>	
7-3-19	115				_____	<i>[Signature]</i>	
7-3-19	130				_____	<i>[Signature]</i>	
7-3-19	145				_____	<i>[Signature]</i>	
7-3-19	200				_____	<i>[Signature]</i>	
7-3-19	215				_____	<i>[Signature]</i>	



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

Sweeping Log

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

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-9-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-9-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-10-19	700				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	715				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	730				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	745				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	800				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	815				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	830				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	845				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	900				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	915				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	930				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	945				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1000				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1015				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1030				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1045				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
7-10-19	1100				<input checked="" type="checkbox"/>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-11-19</i>	<i>700</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>715</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>730</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>745</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>800</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>815</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>830</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>845</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>900</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>915</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>930</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>945</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>1000</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>1015</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>1030</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>1045</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-11-19</i>	<i>1100</i>				<i>_____</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-12-19	7:00				————	<i>Juan Murillo</i>	
7-12-19	7:15				————	<i>Juan Murillo</i>	
7-12-19	7:30				————	<i>Juan Murillo</i>	
7-12-19	7:45				————	<i>Juan Murillo</i>	
7-12-19	8:00				————	<i>Juan Murillo</i>	
7-12-19	8:15				————	<i>Juan Murillo</i>	
7-12-19	8:30				————	<i>Juan Murillo</i>	
7-12-19	8:45				————	<i>Juan Murillo</i>	
7-12-19	9:00				————	<i>Juan Murillo</i>	
7-12-19	9:15				————	<i>Juan Murillo</i>	
7-12-19	9:30				————	<i>Juan Murillo</i>	
7-12-19	9:45				————	<i>Juan Murillo</i>	
7-12-19	10:00				————	<i>Juan Murillo</i>	
7-12-19	10:15				————	<i>Juan Murillo</i>	
7-12-19	10:30				————	<i>Juan Murillo</i>	
7-12-19	10:45				————	<i>Juan Murillo</i>	
7-12-19	11:00				————	<i>Juan Murillo</i>	

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		
7-15-19	7:00 am				✓	Juan M	
7-15-19	7:15 am				✓	Juan M	
7-15-19	7:30 am				✓	Juan M	
7-15-19	7:45 am				✓	Juan M	
7-15-19	8:00 am				✓	Juan M.	
7-15-19	8:15 am				✓	Juan M	
7-15-19	8:30 am				✓	Juan M	
7-15-19	8:45 am				✓	Juan M	
7-15-19	9:00 am				✓	Juan M	
7-15-19	9:15 am				✓	Juan M	
7-15-19	9:30 am				✓	Juan M.	
7-15-19	9:45				✓	Juan M	
7-15-19	10:00				✓	Juan M	
7-15-19	10:15				✓	Juan M	
7-15-19	10:30				✓	Juan M	
7-15-19	10:40				✓	Juan M	
7-15-19	11:00				✓	Juan M.	
7-15-19-11:15						Juan M	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-16-19</i>	<i>700</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>715</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>730</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>745</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>800</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>815</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>830</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>845</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>900</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>915</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>930</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>945</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>1000</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>1015</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>1030</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>1045</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-16-19</i>	<i>1100</i>				<i>---</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-17-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-17-19</i>	<i>1115</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1130</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1210</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1230</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>1245</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>100</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>115</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>130</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>145</i>				<i> </i>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>200</i>				<i> </i>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>215</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>230</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>245</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>300</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>315</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>330</i>				<i> </i>	<i>[Signature]</i>	
<i>7-17-19</i>	<i>345</i>				<i> </i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-18-19	700				—	<i>[Signature]</i>	
7-18-19	715				—	<i>[Signature]</i>	
7-18-19	730				—	<i>[Signature]</i>	
7-18-19	745				—	<i>[Signature]</i>	
7-18-19	800				—	<i>[Signature]</i>	
7-18-19	815				—	<i>[Signature]</i>	
7-18-19	830				—	<i>[Signature]</i>	
7-18-19	845				—	<i>[Signature]</i>	
7-18-19	900				—	<i>[Signature]</i>	
7-18-19	915				—	<i>[Signature]</i>	
7-18-19	930				—	<i>[Signature]</i>	
7-18-19	945				—	<i>[Signature]</i>	
7-18-19	1000				—	<i>[Signature]</i>	
7-18-19	1015				—	<i>[Signature]</i>	
7-18-19	1030				—	<i>[Signature]</i>	
7-18-19	1045				—	<i>[Signature]</i>	
7-18-19	1100				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-19-19</i>	<i>700</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>715</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>730</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>745</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>800</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>815</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>830</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>845</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>900</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>915</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>930</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>945</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>1000</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>1015</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>1030</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>1045</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	
<i>7-19-19</i>	<i>1100</i>				<input checked="" type="checkbox"/>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-22-19</i>	<i>7:00</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>7:15</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>7:30</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>7:45</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>8:00</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>8:15</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>8:30</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>8:45</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>9:00</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>9:15</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>9:30</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>9:45</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>10:00</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>10:15</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>10:30</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>10:45</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-22-19</i>	<i>11:00</i>				<i>---</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-23-19</i>	<i>700</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>715</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>730</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>745</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>800</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>815</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>830</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>845</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>900</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>915</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>930</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>945</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>1000</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>1015</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>1030</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>1045</i>				<i>_____</i>	<i>[Signature]</i>	
<i>7-23-19</i>	<i>1100</i>				<i>_____</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-24-19</i>	<i>7000</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>715</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>730</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>745</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>800</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>815</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>830</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>845</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>900</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>915</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>930</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>945</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>1000</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>1015</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>1030</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>1045</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-24-19</i>	<i>1100</i>				<i>---</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>7-25-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>7-25-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
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<i>7-29-19</i>	<i>715</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>730</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>745</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>800</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>815</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>830</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>845</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>900</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>915</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>930</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>945</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>1000</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>1015</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>1030</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>1045</i>				<i> </i>	<i>[Signature]</i>	
<i>7-29-19</i>	<i>1100</i>				<i> </i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
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<i>7-30-19</i>	<i>730</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>745</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>800</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>815</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>830</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>845</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>900</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>915</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>930</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>945</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>1000</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>1015</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>1030</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>1045</i>				<i>---</i>	<i>[Signature]</i>	
<i>7-30-19</i>	<i>1100</i>				<i>---</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>July 2019</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
7-31-19	700				—	<i>[Signature]</i>	
7-31-19	715				—	<i>[Signature]</i>	
7-31-19	730				—	<i>[Signature]</i>	
7-31-19	745				—	<i>[Signature]</i>	
7-31-19	800				—	<i>[Signature]</i>	
7-31-19	815				—	<i>[Signature]</i>	
7-31-19	830				—	<i>[Signature]</i>	
7-31-19	845				—	<i>[Signature]</i>	
7-31-19	900				—	<i>[Signature]</i>	
7-31-19	915				—	<i>[Signature]</i>	
7-31-19	930				—	<i>[Signature]</i>	
7-31-19	945				—	<i>[Signature]</i>	
9-31-19	1000				—	<i>[Signature]</i>	
9-31-19	1015				—	<i>[Signature]</i>	
9-31-19	1030				—	<i>[Signature]</i>	
7-31-19	1045				—	<i>[Signature]</i>	
7-31-19	1100				—	<i>[Signature]</i>	

Appendix B
Documentation of AQ-SC5 Compliance

SERC Offroad Diesel Equipment Inventory July 2019

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Equipment						Engine								Compliance Tag	Notes	
				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
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-4JJ1x	2.9	2015	74402993	95.2	T4	NA	Green tag issued 02/19/2019	EO not available. Tier 4 verified based in engine specs.
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJ6N585NLECT05659	D+S BACKHOE SERVICE	N/A	FPT INDUSTRIAL	FFPX034DD	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	Y55A98	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	ECR2353I - Excavator	2017	310653	Lalonde	Ortiz	Deutz	GDZXL05.7053	D6J	5.702	2016	11974476	173	4	u-r-013-0523	Green tag issued 02/27/2019	
2/27/2019	5/6/2019	DL9A58	SERC_009	Link-Belt	490X4	2017	LBX490Q7NGHEX1139	Lalonde	Ortiz	Isuzu Motors Limited	GSZXL09.8QXA	6U21	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	Y4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB5.5	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 - Variable 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 removed on 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	JD650LTD02er	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	Onsite	TF6J89	SERC_025	Extreme Manufacturing	XR2045 Forklift	2018	XR2045-11-17119380	Ellis	ARB	Deutz AG	HDZXL03.6050	TC03.6L4	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	JJGN585NKEC705265	Tom's Back Hoe	ARB	FPT	FFPX 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.



August 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 *AQCMPEquipment Log* for ARB equipment currently on-site.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Rente
2/4/2019	Onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	ARB
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	210I Skip Loader	2016	1T8210ELLGJ893464	ARB	ARB
7/9/2019	Onsite	TF6J89	SERC_025	Extreme	XR 2045 RT	2018	XR2045-11-17119380	Ellis	ARB
7/22/2019	7/26/2019	TP8N95	SERC_026	Case	580 Super N Backhoe	2014	JJGN58SNKEC705265	Tom's	ARB

Respectfully,

Steven Fischer
ARB, Inc.
Project Manager

Bill Petty's Backhoe Service, Inc.
13203 Barlin Ave.
Downey, CA 90242
amysback@ca.rr.com
562-630-3162
Fax: 562-630-7341

August 2, 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: July 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

<u>Date Move on</u>	<u>Date Move off</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Mfr</u>	<u>Model/ Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN-Backhoe	2014	JJ8N585NLECT05659	D&S BACKHOE SERVICE
<u>Renter</u>	<u>Mfr</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Diesel (hp)</u>	<u>Tier</u>
Bill's Backhoe	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4
<u>Engine Certification on File</u>	<u>Compliance Tag</u>	<u>Notes</u>						
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 JULY 2019.

This is for the equipment listed below at:

10711 DALE ST

STANTON, CA. 90680

<u>DESCRIPTION</u>	<u>EIN NUMBER</u>	<u>SERIAL NUMBER</u>
GENIE VARIABLE REACH FORKLIFT	JW5N58	10366180
GENIE VARIABLE REACH FORKLIFT	YX4L43	10149180

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager

Attachment 4 – Biological Resources

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

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

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
SERC CEC Designated Biologist

Date: August 5, 2019

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

1. Introduction

This July 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from July 1 through July 31, 2019 at the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. 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 July 2019 reporting period. Construction started on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

Biological monitoring was conducted daily and nest surveys were performed for the additional laydown yards owned by Southern California Edison. 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 is included in Appendix C.

2.1 Activities Monitored

SERC construction activities from July 1 through July 31, 2019 included site excavation, foundations, construction of bridges (pedestrian and utility) across Stanton Storm Channel, sump/storage pit construction, and laydown yard preparation and use. These construction activities included excavation, trenching, and pouring concrete.

2.2 Nesting Birds

No new protected active nests were observed during the July 2019 reporting period. Nest surveys were performed within the laydown yards owned by Southern California Edison and within 500 feet of the laydown areas on July 2, 2019 and July 8, 2019. The Nest Survey Reports are provided in Appendix A.

Two active nests were observed in June 2019 and were still active during the July 2019 reporting period. One active nest was within the SERC site and one active nest was off-site at the additional project parking area at the Bethel Romanian Pentecostal Apostolic Church. The following is a summary of bird nests protected under the Migratory Bird Treaty Act that were active during the July 2019 reporting period within the SERC survey area:

- An active lesser goldfinch (*Spinus psaltria*) nest was identified on June 4, 2019 at the off-site SERC leased parking area at the north end of the Bethel Romanian Pentecostal Apostolic Church. The nest is located at approximately 33.8057306 latitude and -117.9847750 longitude. The nest is in an ash tree approximately 15 feet above the ground. This nest was determined to be inactive on July 3, 2019, after the young successfully fledged.
- An active mourning dove (*Zenaida macroura*) nest was identified on June 11, 2019 on the western SERC parcel. The nest location is at approximately 33.8066536 latitude and -117.9878214 longitude. The nest is on a ladder in an equipment storage area. A 25-foot no-disturbance buffer zone was established around the nest (as accessible) with flagging and signage. This nest was determined to be inactive on July 1, 2019.

Nesting behaviors observed during monitoring at the SERC site are described in further detail in the Biological Resources Compliance Monitoring Logs, which are provided in Appendix B.

2.3 Special-Status Species

No special status species were observed in the project vicinity or on the project site during July 2019. A list of wildlife species observed during nest surveys and monitoring in July 2019 is included in Appendix C.

2.4 Wildlife Injuries and Mortalities

No injured wildlife species were observed within the SERC boundary or survey area; however, a deceased domestic cat (*Felis catus*) was identified on July 2, 2019 within the new western laydown yard. In addition, a Botta's pocket gopher (*Thomomys bottae*) was relocated during the road bed construction on the new eastern laydown yard on July 16, 2019. The gopher was unharmed and relocated.

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

2.5 Hazardous Material Spills

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

2.6 Non-Compliance Report

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

3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 30 persons completed the SERC WEAP training in July 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix E.

Appendix A
Nest Survey Reports

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 July 8, 2019

Copies to Tim Bofman, Wellhead Inc.
 Greg Lamberg, SERC, LLC
 Doug Davy, Jacobs
 Karen Parker, Jacobs
 Ken Levenstein, Jacobs

1. Introduction

This memorandum documents the findings of a nest survey of the Stanton Energy Reliability Center (SERC, the Project) laydown yards for the Eastern and Western Parcels. The proposed laydown yards are on land owned by Southern California Edison (SCE) and are located immediately north of, and adjacent to, the SERC Eastern Parcel (Parcel 1) at 10801 Dale Avenue, Stanton, Orange County, California and the eastern third of the SERC Western Parcel (Parcel 2) at 8230 Pacific Street, Stanton, Orange County, California. Figure 1 in Attachment A shows the new laydown area and the SERC project site. The nest survey and this report are provided in compliance with the California Energy Commission (CEC) Condition of Certification BIO-8, Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds.

2. Methods

A nest survey was completed by Dr. Ken Levenstein, a senior biologist (specializing in avian ecology) with Jacobs and approved biological monitor for SERC. The nest survey was conducted on July 2, 2019 between 5:57 am and 8:02 am. Weather conditions were mostly sunny with temperatures around 64°F and light winds (2- 6 mph SW). Pedestrian surveys were completed for the laydown areas and publicly-accessible areas within 500 feet of the laydown areas. Meandering transects were walked with specific attention focused on trees, shrubs, and structures that could serve as a suitable substrate for nesting birds. Habitat areas not publicly accessible were surveyed with binoculars (Leica 10 x 42).

3. Results

No active avian nests were observed within the laydown yards. In addition, no special status species were observed within the laydown yards or within 500 feet of the laydown yards. The desiccated partial remains of a domestic cat were encountered on the western laydown yard and a separate Wildlife Observation Report will be submitted for the monitoring of the SERC project.

One active avian nest is known to occur within 500 feet of the laydown yards. The active nest belongs to a lesser goldfinch (*Spinus psaltria*) pair with young. The nest was identified on June 4, 2019 at the off-site SERC leased parking area at the north end of the Bethel Romanian Pentecostal Apostolic Church. The nest is located at approximately 33.8057306 latitude and -117.9847750 longitude. The nest is in an ash tree approximately 15 feet above the ground. This nest was previously reported by the SERC project and was still considered active at the time of this nest survey.

Bird species observed during the survey are listed in Table 1. Descriptions of the survey locations are provided below. Photographs of the laydown yards taken during the survey are included in Attachment A.

Laydown Yards

The proposed eastern laydown yard is a fenced and gated vacant lot that serves as a right-of-way for high voltage transmission lines that run overhead east to west, originating at the Barre Substation directly across Dale Avenue. The proposed western laydown yard is directly across (and west of) the Stanton Storm Channel from the proposed eastern laydown yard. Two transmission line towers are located on the proposed western laydown yard.

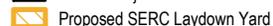
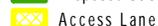
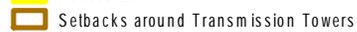
500-Foot Buffer

The search area 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.

Table 1. Avian Species Observed During the July 2, 2019 Nest Survey for proposed SERC laydown yards		
Common Name	Scientific Name	Notes
Eurasian collared dove	<i>Streptopelia decaocto</i>	Observed perched within and flying over the 500-foot buffer.
Mourning dove	<i>Zenaida macroura</i>	Observed perched within and flying over the 500-foot buffer.
Rock pigeon	<i>Columba livia</i>	Observed perched within and flying over the 500-foot buffer.
Black phoebe	<i>Sayornis nigricans</i>	Observed perched and flying within the 500-foot buffer.
Common raven	<i>Corvus corax</i>	Observed flying over the 500-foot buffer.
Northern mockingbird	<i>Mimus polyglottos</i>	Observed perched within and flying over the 500-foot buffer.
European starling	<i>Sturnus vulgaris</i>	Observed perched and flying within the 500-foot buffer.
House finch	<i>Haemorhous mexicanus</i>	Observed perched and flying within the 500-foot buffer.
House sparrow	<i>Passer domesticus</i>	Observed perched and flying within the 500-foot buffer.

Attachment A Survey Figures



-  SERC Project Site
-  Proposed SERC Laydown Yard
-  Proposed SoCalGas Laydown Yard
-  Access Lane
-  Setbacks around Transmission Towers

Notes:
Aerial Imagery - 2017

Figure 1
Proposed Construction Laydown Area
Stanton Energy Reliability Center
Stanton, CA

Attachment B Survey Photos

Photo 1



Location	SERC – Eastern Laydown	Description	View west-northwest of Eastern Laydown Yard from southeast corner of the yard.
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Photo 2



Location	SERC – Eastern Laydown	Description	View of Botta's pocket gopher burrow entrance. The species is abundant in the area.
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Photo 3



Location	SERC – Eastern Laydown	Description	View north from northern edge of the Eastern Laydown Yard at an old bird’s nest that was likely later used by a rodent species.
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Photo 4



Location	SERC – Eastern Laydown	Description	Another view of the old nest shown in previous photo (see Photo 3).
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Photo 5



Location	SERC – Eastern Laydown	Description	View of another old bird’s nest along the northern edge of the Eastern Laydown Yard.
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Photo 6



Location	SERC – Eastern Laydown	Description	Another view of the old bird’s nest shown in previous photo (see Photo 5).
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Photo 7



Location	SERC – Western Laydown	Description	View northeast of Western Laydown Yard from southwest corner of parcel.
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Photo 8



Location	SERC – Western Laydown	Description	View northeast from northeast portion of Western Laydown Yard at shrubbery just outside the Parcel fence. An old nest shown in the following photos was encountered here.
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Photo 9



Location	SERC – Western Laydown	Description	View of an old bird's nest in a shrub just outside the Western Laydown Yard's northern perimeter fence.
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Photo 10



Location	SERC – Western Laydown	Description	Another view (see Photo 9) of an old bird's nest in a shrub just outside the Western Laydown Yard's northern perimeter fence
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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 July 9, 2019

Copies to Tim Bofman, Wellhead Inc.
 Greg Lamberg, SERC, LLC
 Doug Davy, Jacobs
 Karen Parker, Jacobs
 Ken Levenstein, Jacobs

1. Introduction

This memorandum documents the findings of a nest survey of the Stanton Energy Reliability Center (SERC, the Project) laydown yards for the Eastern and Western Parcels. The proposed laydown yards are on land owned by Southern California Edison (SCE) and are located immediately north of, and adjacent to, the SERC Eastern Parcel (Parcel 1) at 10801 Dale Avenue, Stanton, Orange County, California and the eastern third of the SERC Western Parcel (Parcel 2) at 8230 Pacific Street, Stanton, Orange County, California. Figure 1 in Attachment A shows the new laydown area and the SERC project site. This was the second avian nest survey conducted for the laydown yards and 500-foot buffer. The first was conducted on July 2, 2019 and a separate report detailing the methods and results of that survey was submitted to the California Energy Commission (CEC). In addition, a biological reconnaissance survey was conducted for the laydown yards and 150-foot buffer on May 8, 2019. The survey included a search for avian nests and a report detailing the methods and results of that survey was submitted to the CEC. The nest surveys and reports are 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

A nest survey was completed by Dr. Ken Levenstein, a senior biologist (specializing in avian ecology) with Jacobs and approved biological monitor for SERC. The nest survey was conducted on July 8, 2019 between 6:03 am and 8:04 am. Weather conditions were cloudy with temperatures around 63°F and light winds (2 - 4 mph S). Pedestrian surveys were completed for the laydown areas and publicly-accessible

areas within 500 feet of the laydown areas. Meandering transects were walked with specific attention focused on trees, shrubs, and structures that could serve as a suitable substrate for nesting birds. Habitat areas not publicly accessible were surveyed with binoculars (Leica 10 x 42).

3. Results

One active avian nest was observed within the laydown yards. A Eurasian collared dove nest was observed in the northwest transmission line tower on the lowest southeast insulator crossarm junction at an elevation of approximately 60 - 70 feet above ground level (AGL). The nest is located at approximately 33.8071908 latitude and -117.9875864 longitude. This nest was first detected on May 29, at which time an adult was observed "sitting tight," and presumed to be incubating. On June 27, no activity was observed at the nest and it was presumed to have failed as the adults had not been observed yet feeding young. During the avian nest survey on July 8, an adult was again observed sitting on the nest. The pair may be renesting. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). No special status species were observed within the laydown yards or within 500 feet of the laydown yards.

A previously active lesser goldfinch (*Spinus psaltria*) nest located off-site, but within the 500 foot buffer, is now inactive and the young have fledged. The nest was located in an ash tree approximately 15 feet AGL on the SERC leased parking area at the north end of the Bethel Romanian Pentecostal Apostolic Church. The adults were last observed feeding young in a tree adjacent to the nest tree on July 2.

Bird species observed during the survey are listed in Table 1. Descriptions of the survey locations are provided below. Photographs of the laydown yards taken during the survey are included in Attachment A.

Laydown Yards

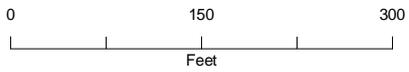
The proposed eastern laydown yard is a fenced and gated vacant lot that serves as a right-of-way for high voltage transmission lines that run overhead east to west, originating at the Barre Substation directly across Dale Avenue. The proposed western laydown yard is directly across (and west of) the Stanton Storm Channel from the proposed eastern laydown yard. Two transmission line towers are located on the proposed western laydown yard.

500-Foot Buffer

The search area 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.

Table 1. Avian Species Observed During the July 8, 2019 Nest Survey for proposed SERC laydown yards		
Common Name	Scientific Name	Notes
Killdeer	<i>Charadrius vociferus</i>	Observed along Stanton Storm Channel
Eurasian collared dove	<i>Streptopelia decaocto</i>	Observed sitting on nest, perched within, and flying over the 500-foot buffer.
Mourning dove	<i>Zenaida macroura</i>	Observed perched within and flying over the 500-foot buffer.
Rock pigeon	<i>Columba livia</i>	Observed perched within and flying over the 500-foot buffer.
Black phoebe	<i>Sayornis nigricans</i>	Observed perched and flying within the 500-foot buffer.
Northern mockingbird	<i>Mimus polyglottos</i>	Observed perched within and flying over the 500-foot buffer.
European starling	<i>Sturnus vulgaris</i>	Observed perched and flying within the 500-foot buffer.
House finch	<i>Haemorhous mexicanus</i>	Observed perched and flying within the 500-foot buffer.
House sparrow	<i>Passer domesticus</i>	Observed perched and flying within the 500-foot buffer.

Attachment A Survey Figures



- SE RC Project Site
- Proposed SERC Laydown Yard
- Proposed SoCalGas Laydown Yard
- Access Lane
- Setbacks around Transmission Towers

Notes:
Aerial Imagery - 2017

Figure 1
Proposed Construction Laydown Area
Stanton Energy Reliability Center
Stanton, CA

Attachment B Survey Photos

Photo 1



Location	SERC – Eastern Laydown	Description	View northeast of eastern laydown yard from southwest corner of the parcel.
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Photo 2



Location	SERC – Eastern Laydown	Description	View north from northern edge of the eastern laydown yard at a tree stump containing an old bird's nest.
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Photo 3



Location	SERC – Eastern Laydown	Description	Closer view of an old bird's nest in tree stump shown in previous photo (see Photo 2).
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Photo 4



Location	SERC – Eastern Laydown	Description	View north from northern edge of the eastern laydown yard at a tree stump containing an old bird's nest that was likely later used by a rodent species.
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Photo 5



Location	SERC – Eastern Laydown	Description	Closer view of an old bird’s nest (see Photo 4) that was likely later used by a rodent species.
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Photo 6



Location	SERC – Western Laydown	Description	View west-southwest of western laydown yard from northeast corner of parcel.
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Photo 7



Location	SERC – Western Laydown	Description	View north from northeast portion of western laydown yard at shrubbery just outside the Parcel fence. An old nest shown in the following photo was encountered here.
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Photo 8



Location	SERC – Western Laydown	Description	Closer view (see Photo 7) of an old bird's nest in a shrub just outside the western laydown yard's northern perimeter fence
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Photo 9



Location	SERC – Western Laydown	Description	View southwest from northern portion of western laydown yard at transmission line tower containing Eurasian collared dove nest. Location of nest circled in red.
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Appendix B
Biological Resources Compliance
Monitoring Logs

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 1, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62 – 81	0 – 10 SW	0.0 in	Good	Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; forms construction, trenching for water pipe installation, reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline slurry pour, ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (<i>Spinus psaltria</i>) pair for signs of disturbance.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Mourning dove nest on the Western Parcel was depredated. • Lesser Goldfinches that nested in Church parking lot currently feeding fledglings in an adjacent Magnolia. No signs of disturbance. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • The mourning dove nest on the Western Parcel was found to be empty on Monday morning, 7/1, and a small cluster of feathers was found close by. One of the feathers was an adult primary flight feather. It is likely that one of the adults, along with the eggs or young, was depredated while an adult was tending the nest. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove, rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), Cassin’s kingbird (<i>Tyrannus vociferans</i>), common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling, lesser goldfinch, house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				
Photo 1				



Location	SERC – Western Parcel	Description	View of empty mourning dove nest on the Western Parcel. Nest appears to have been depredated.
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Photo 2



Location	SERC – Western Parcel	Description	View of ground below and just west of depredated mourning dove nest (see Photo 1). Feathers are from an adult mourning dove. Several more feathers including a primary scattered about.
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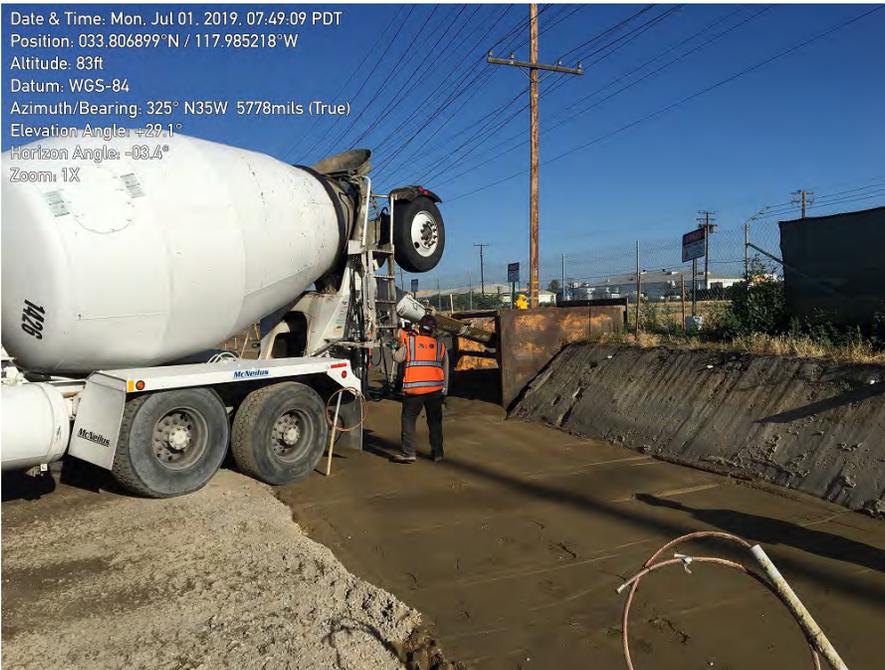
Photo 3



Date & Time: Mon, Jul 01, 2019, 07:39:36 PDT
 Position: 033.806692°N / 117.987837°W
 Altitude: 82ft
 Datum: WGS-84
 Azimuth/Bearing: 087° N87E 1547mils (True)
 Elevation Angle: +26.3°
 Horizon Angle: -01.6°
 Zoom: 1X

Location	SERC – Western Parcel	Description	View south-southeast from central portion of the Western Parcel at location of depredated mourning dove nest (red circle upper left; see Photo 1). Red circle lower right is where a cluster of feathers was found (see Photo 2).
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Photo 4



Date & Time: Mon, Jul 01, 2019, 07:49:09 PDT
 Position: 033.806899°N / 117.985213°W
 Altitude: 83ft
 Datum: WGS-84
 Azimuth/Bearing: 325° N35W 5778mils (True)
 Elevation Angle: +29.1°
 Horizon Angle: -03.4°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View northwest from central portion of the Eastern Parcel at truck pouring slurry into fire hydrant foundation adjacent to the northern perimeter pipeline trench.
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Photo 5



Date & Time: Mon, Jul 01, 2019, 08:29:27 PDT
 Position: 033.806956°N / 117.985335°W
 Altitude: 83ft
 Datum: WGS-84
 Azimuth/Bearing: 346° N14W 6151mils (True)
 Elevation Angle: +26.8°
 Horizon Angle: -02.5°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	Another view northwest from central portion of the Eastern Parcel at fire hydrant foundation adjacent to the northern perimeter pipeline trench following slurry pour (see Photo 4).
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 2, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 77	0 – 12 SW	0.0 in	Good	Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; concrete pour, forms construction, trenching for water pipe installation, reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; concrete pour, ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (<i>Spinus psaltria</i>) pair for signs of disturbance.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Lesser Goldfinches that nested in Church parking lot currently feeding fledglings in an adjacent Magnolia. No signs of disturbance. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), lesser goldfinch, house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Western Parcel	Description	View south from eastern end of the Western Parcel at workers engaged in concrete foundation pouring activities
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Photo 2



Location	SERC – Western Parcel	Description	View north-northeast from eastern portion of Western Parcel at “cement” truck washout station with plastic sheeting in place for containment.
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Photo 3



Date & Time: Tue, Jul 02, 2019, 09:57:15 PDT
 Position: 033.806807°N / 117.986294°W
 Altitude: 76ft
 Datum: WGS-84
 Azimuth/Bearing: 056° N56E 0996mils (True)
 Elevation Angle: +27.3°
 Horizon Angle: -02.0
 Zoom: 1X

Location	SERC – Western Parcel	Description	View east from central portion of Western Parcel at ongoing trenching activities. This trench is part of the water pipeline that passes through the Eastern Parcel along the northern perimeter.
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Photo 4



Date & Time: Tue, Jul 02, 2019, 12:40:09 PDT
 Position: 033.806940°N / 117.987581°W
 Altitude: 88ft
 Datum: WGS-84
 Azimuth/Bearing: 281° N79W 4996mils (True)
 Elevation Angle: +27.4°
 Horizon Angle: -03.1°
 Zoom: 1X

Location	SERC – Western Parcel	Description	Another view (south-southwest) at ongoing trenching activities. Water is being sprayed for dust suppression.
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Photo 5



Date & Time: Tue, Jul 02, 2019, 12:42:20 PDT
 Position: 033.806859° N / 117.986546° W
 Altitude: 76ft
 Datum: WGS-84
 Azimuth/Bearing: 052° N52E 0924mils (True)
 Elevation Angle: +28.8°
 Horizon Angle: -02.5°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View northeast from western portion of the Eastern Parcel at ongoing foundation contouring above the northern perimeter pipeline. Water visible at left is being sprayed for dust suppression.
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Photo 6



Date & Time: Tue, Jul 02, 2019, 12:42:32 PDT
 Position: 033.806879° N / 117.986522° W
 Altitude: 79ft
 Datum: WGS-84
 Azimuth/Bearing: 068° N68E 1209mils (True)
 Elevation Angle: +28.1°
 Horizon Angle: -02.3°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View east-southeast from western portion of the Eastern Parcel at fire ongoing foundation construction activities.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 3, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 77	0 – 9 S	0.0 in	Good	Partly cloudy early to mostly sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; forms construction, trenching for water pipe installation, reporting. (see Photo Log).</p> <p>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 trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (<i>Spinus psaltria</i>) pair for signs of disturbance.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Lesser Goldfinches that nested in Church parking lot not seen today. Adults have been feeding fledged young and they have likely moved to another nearby location. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), lesser goldfinch, house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Western Parcel	Description	View south from eastern end of the Western Parcel at ongoing trenching and pipe installation.
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Photo 2



Location	SERC – Eastern Parcel	Description	View south from eastern portion of Eastern Parcel at trench boxes being removed from the parcel.
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Photo 3



Location	SERC – Eastern Parcel	Description	View east-southeast from eastern portion of Eastern Parcel at forklift maneuvering conduit into trench for completion of remaining portion of the southern perimeter ductworks.
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Photo 4



Location	SERC – Eastern Parcel	Description	View southwest at workers covering washout containers with plastic sheeting in order to avoid attracting birds and other wildlife.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 8, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 75	0 – 11 SW	0.0 in	Good	Cloudy to mostly sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching for water pipe installation, movement of equipment/materials; reporting. (see Photo Log).</p> <p>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 trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • A Eurasian collared dove (<i>Streptopelia decaocto</i>) nest was observed in the northwest transmission line tower on the lowest southeast insulator crossarm junction at an elevation of approximately 60 - 70 feet above ground level (AGL). The nest is located at approximately 33.8071908 latitude and -117.9875864 longitude. This nest was first detected on May 29, at which time an adult was observed “sitting tight,” and presumed to be incubating. On June 27, no activity was observed at the nest and it was presumed to have failed as the adults had not been observed yet feeding young. During the avian nest survey on July 8, an adult was again observed sitting on the nest. The pair may be renesting. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). No special status species were observed within the laydown yards or within 500 feet of the laydown yards. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Western Parcel	Description	View northwest from eastern portion of the Western Parcel at ongoing pipe installation work.
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Photo 2



Location	SERC – Western Parcel	Description	View southeast from eastern portion of Western Parcel at ongoing trenching work.
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Photo 3



Location	SERC – Eastern Parcel	Description	View east from western portion of Eastern Parcel at ongoing piecemeal trenchwork.
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Photo 4



Location	SERC – Eastern Parcel	Description	View west-southwest at workers constructing forms for the Generator 2 foundation.
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Photo 5



Location	SERC – Eastern Parcel	Description	View east from eastern portion of Eastern Parcel at electricians working on the eastern extension of ductworks onsite before crossing Dale Avenue.
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Photo 6



Location	SERC – Eastern Parcel	Description	View southwest at cement washout containers that were drained of water in order to avoid attracting birds and other wildlife.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 9, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 80	0 – 12 SW	0.0 in	Good	Cloudy early to sunny and warm
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching for water pipe installation, movement of equipment/materials; slurry pour, reporting. (see Photo Log).</p> <p>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 trenching, foundation contouring, slurry pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), mitred parakeet (<i>Psittacara mitratus</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View northeast from central portion of the Eastern Parcel at ongoing piecemeal trenching.
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Photo 2



Location	SERC – Eastern Parcel	Description	View northwest from central portion of Eastern Parcel at ongoing foundation contouring.
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Photo 3



Location	SERC – Western Parcel	Description	View northwest from eastern portion of Western Parcel at pipefitters offloading materials with the help of a forklift.
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Photo 4



Location	SERC – Western Parcel	Description	View west-northwest at “cement” truck pouring slurry into water pipeline trench.
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Photo 5



Location	SERC – Western Laydown	Description	View west from eastern portion of Western Laydown at forklift and newly delivered K-rails.
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Photo 6



Location	SERC – Western Laydown	Description	View north-northwest at K-rails placed around transmission line towers to prevent damage by vehicles.
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Photo 7



Location	SERC – Western Parcel	Description	View north from eastern end of Western Parcel at base temporarily piled adjacent to the Stanton Storm Channel.
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Photo 8



Location	SERC – Eastern Laydown	Description	View east across the Stanton Storm Channel at the Eastern Laydown Yard which has yet to be utilized by the Project.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 10, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 78	0 – 11 SW	0.0 in	Good	Sunny and warm
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching for water pipe installation, movement of equipment/materials; reporting. (see Photo Log).</p> <p>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 trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; K-rails placed around transmission towers. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Dale Av. entrance scraped for rumble plate install. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely re-nesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • Adult red-tailed hawk (<i>Buteo jamaicensis</i>) hunting on eastern laydown. Caught a Botta's pocket gopher (<i>Thomomys bottae</i>). <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: red-tailed hawk, killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaidura macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p> <p>Mammals: Botta's pocket gopher</p>				

Photo 1



Location	SERC – Eastern Laydown	Description	View west-northwest from of Dale Avenue entrance to eastern laydown at work underway to install rumble plates.
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Photo 2



Location	SERC – Eastern Parcel	Description	View west from eastern portion of Eastern Parcel at forms under construction for Project infrastructure.
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Photo 3



Location	SERC – Eastern Parcel	Description	Another view (southwest; see Photo 2) from eastern portion of Western Parcel at forms under construction for Project infrastructure.
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Photo 4



Location	SERC – Eastern Parcel	Description	View southeast from western portion of Eastern Parcel at ongoing piecemeal trench excavation.
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Photo 5



Location	SERC – Eastern Parcel	Description	View southeast from central portion of eastern parcel at ongoing construction of concrete foundations for Project infrastructure.
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Photo 6



Location	SERC – Eastern Laydown	Description	Another view west-northwest (see Photo 1) from Dale Av. of rumble plates after installation completed.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 11, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 80	0 – 13 SW	0.0 in	Good	Sunny and warm
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; Ongoing water pipeline installation, movement of equipment/materials; reporting. (see Photo Log).</p> <p>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 trenching, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; gravel road bed install and privacy fence erected splitting parcel for SoCal Gas (east) and ARB (west). Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely re-nesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Western Laydown	Description	View northeast from southwest portion of Western Laydown at K-rails in place around transmission line tower to protect against damage by Project vehicles/equipment.
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Photo 2



Location	SERC – Western Parcel	Description	View south-southwest from eastern end of Western Parcel at pile of base adjacent to Stanton Storm Channel.
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Photo 3



Location	SERC – Eastern Parcel	Description	View northwest from central portion of Eastern Parcel at concrete pour underway.
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Photo 4



Location	SERC – Eastern Laydown	Description	View west-northwest from Dale Av. of completed rumble plate install and, in background, new privacy fence splitting Parcel.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 12, 2019	Cara Snellen			0600-1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-80	1-10	0.0 in	Good	Cloudy/overcast in a.m.
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing waterpipe installation, slurry pour at waterpipe trench, additional trenching, dust suppression, material movement; reporting (see Photo Log).</p> <p>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, ground compaction, foundation concrete pour, dirt contouring along south pipeline, dust suppression, movement of equipment/materials; reporting (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; movement of materials/equipment. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; gravel delivery, gravel road bed install, dirt contouring at parcel entrance. Surveyed Parcel and surrounding area (as accessible) for nesting activity (see Photo Log).</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely reneating; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin’s kingbird (<i>Tyrannus vociferans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), house , sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>), turkey vulture (<i>Cathartes aura</i>)</p>				

Photo 1



Location	SERC – Western Parcel	Description	Waterpipe trench extension, facing north.
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Photo 2



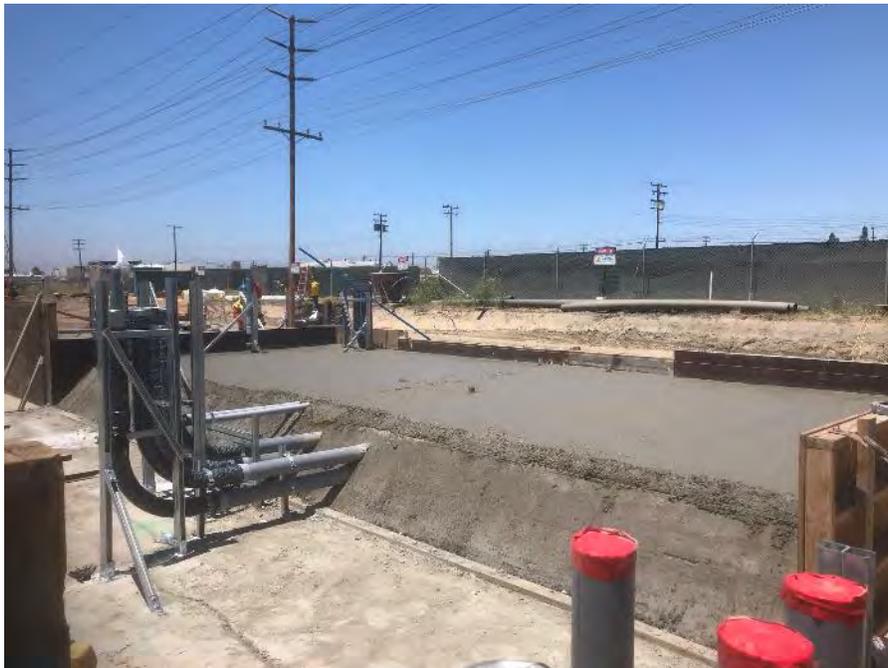
Location	SERC –Western Parcel	Description	Slurry pour at waterpipe trench in West parcel, facing northwest.
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Photo 3



Location	SERC – Eastern Parcel	Description	Foundation construction in East parcel, facing northeast.
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Photo 4



Location	SERC – Eastern Parcel	Description	Finished concrete foundation pour in East parcel, facing northwest.
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Photo 5



Location	SERC – Eastern Parcel	Description	Piecemeal excavation in East parcel, facing northwest.
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Photo 6



Location	SERC – Eastern Parcel	Description	Dirt movement and contouring by south pipeline in East parcel, facing east.
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Photo 7



Location	SERC – SCE East Parcel	Description	Gravel delivery for new road bed in SCE East parcel, facing west.
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Photo 8



Location	SERC – SCE East Parcel	Description	Contouring of gravel for new road bed in SCE East parcel, facing west.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 13, 2019	Ken Levenstein			0600 -1145
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 75	0 – 2	0.0 in	Good	Overcast to mostly sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP, reporting.</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; concrete pour, reporting. (see Photo Log).</p> <p>Church Parking Lot – Not in use today.</p> <p>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.</p> <p>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.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely re-nesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: American kestrel (<i>Falco sparverius</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View west from central portion of Eastern Parcel at Generator foundation concrete pour just underway. An estimated 30 truckloads of concrete will be needed to complete the task.
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Photo 2



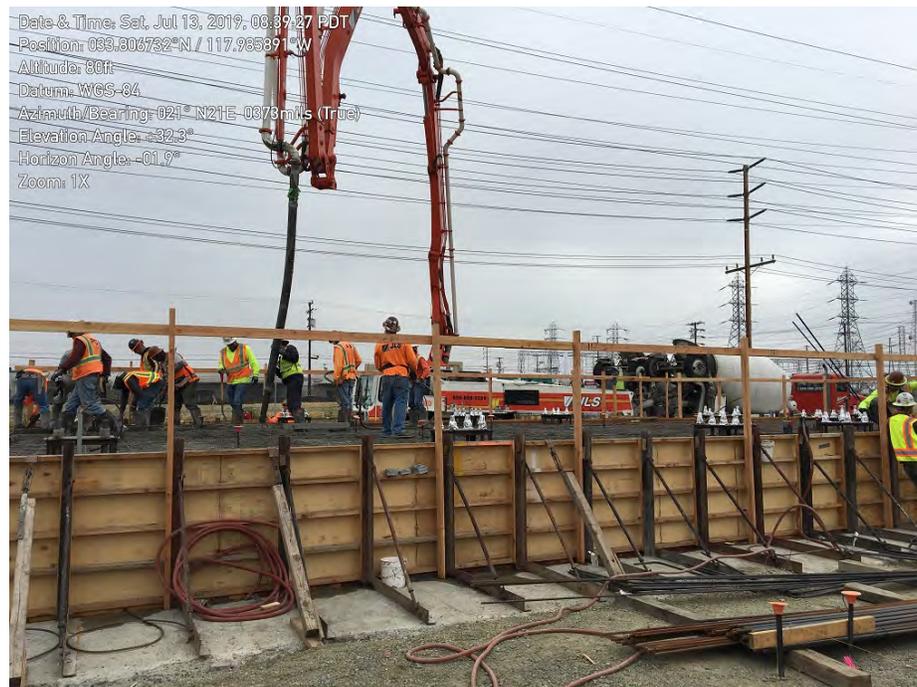
Location	SERC – Eastern Parcel	Description	View north-northeast from central portion of Eastern Parcel at concrete pour underway.
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Photo 3



Location	SERC – Eastern Parcel	Description	Another closer view north from central portion of Eastern Parcel at concrete pour underway.
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Photo 4



Location	SERC – Eastern Parcel	Description	Another view (northeast) from central portion of Eastern Parcel at concrete pour in process.
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Photo 5



Location	SERC – Eastern Parcel	Description	Another closer view northwest from central portion of Eastern Parcel at concrete pour in process.
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Photo 6



Location	SERC – Eastern Parcel	Description	View northeast from eastern portion of Eastern Parcel at “cement” truck washout station. Plastic sheeting is for containment.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 15, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 83	0 – 29	0.0 in	Good	Overcast to mostly sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation, movement of equipment/materials; reporting. (see Photo Log).reporting.</p> <p>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 trenching, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely reneating; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southwest from eastern portion of Eastern Parcel at ongoing infrastructure foundation construction work.
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Photo 2



Location	SERC – Western Parcel	Description	View southwest from central portion of Western Parcel at parcel foundation work along the water pipeline trench.
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Photo 3



Location	SERC – Western Laydown	Description	View east-northeast from southern edge of Western Laydown at parcel foundation work in progress.
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Photo 4



Location	SERC – Eastern Parcel	Description	View southwest from eastern portion of Eastern Parcel at ongoing parcel foundation work.
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Photo 5



Date & Time: Mon, Jul 15, 2019, 12:52:22 PDT
 Position: 033.806403° N / 117.984533° W
 Altitude: 82ft
 Datum: WGS-84
 Azimuth/Bearing: 276° N84W 4907mils (True)
 Elevation Angle: +29.2°
 Horizon Angle: -01.9°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	Another view (south-southwest) from eastern portion of Eastern Parcel at ongoing infrastructure foundation construction work.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 16, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 80	0 – 7	0.0 in	Good	Overcast to sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation, movement of equipment/materials; reporting. (see Photo Log).</p> <p>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 trenching, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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, loop road bed and parking area installation; reporting. (see Photo Log).</p> <p>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; loop road bed and parking area installation; reporting. (see Photo Log).</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely renesting; in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • A Botta’s pocket gopher (<i>Thomomys bottae</i>) was rescued during road bed construction on the Eastern Laydown and relocated unharmed to a safe spot at the northern edge of the parcel. A Wildlife Observation Report will be submitted for the incident. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p> <p>Mammals: Botta’s pocket gopher</p>				

Photo 1



Location	SERC – Western Parcel	Description	View east-southeast from eastern portion of Eastern Parcel at ongoing pipeline installation activities.
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Photo 2



Location	SERC – Eastern Parcel	Description	View south from eastern portion of Eastern Parcel at parcel foundation contouring work.
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Photo 3



Location	SERC – Eastern Laydown	Description	View west-northwest from Dale Avenue of Eastern Laydown entrance (foreground) and privacy fence dividing parcel (background).
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Photo 4



Location	SERC – Eastern Laydown	Description	View west-northwest from eastern edge of Eastern Laydown at loop road bed.
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Photo 5



Location	SERC – Eastern Laydown	Description	View south-southwest from southern portion of Eastern Laydown at gate between Eastern Parcel and Eastern Laydown.
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Photo 6



Location	SERC – Eastern Laydown	Description	Botta's pocket gopher rescued during road bed construction on the Eastern Laydown just before it was released unharmed to a safe spot at the northern edge of the parcel.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 17, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 78	0 – 9	0.0 in	Good	Overcast to sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation, slurry pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>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, foundation contouring, mudmat foundation pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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; loop road bed installation, Conex deliveries; reporting. (see Photo Log).</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower likely re-nesting. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southwest from eastern end of Eastern Parcel at ductwork foundation concrete pour.
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Photo 2



Location	SERC – Eastern Laydown	Description	View west-northwest from central portion of Eastern Laydown at roadbed installation.
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Photo 3



Date & Time: Wed, Jul 17, 2019, 08:31:10 PDT
 Position: 033.806811°N / 117.987029°W
 Altitude: 75ft
 Datum: WGS-84
 Azimuth/Bearing: 025° N25E 0444mils (True)
 Elevation Angle: +23.2°
 Horizon Angle: -02.5°
 Zoom: 1X

Location	SERC – Western Parcel	Description	View northeast at pile of base adjacent to the Stanton Storm Channel. Silt fencing has been installed and pile reduced in size.
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Photo 4



Date & Time: Wed, Jul 17, 2019, 08:31:41 PDT
 Position: 033.806807°N / 117.987137°W
 Altitude: 69ft
 Datum: WGS-84
 Azimuth/Bearing: 320° N40W 5689mils (True)
 Elevation Angle: -32.4°
 Horizon Angle: 83.1°
 Zoom: 1X

Location	SERC – Western Parcel	Description	View northwest from eastern portion of Western Parcel at water pipeline trench prior to trench being filled with slurry.
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Photo 5



Location	SERC – Eastern Parcel	Description	View southeast from western portion of Eastern Parcel at ongoing parcel foundation contouring work.
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Photo 6



Location	SERC – Eastern Parcel	Description	One of many mourning doves in the vicinity of the Project. This individual is in the process of molting, whereby old feathers are replaced with new ones.
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Photo 7



Location	SERC – Eastern Parcel	Description	View southeast from eastern portion of Eastern Parcel at pouring of mudmat for Generator 1 foundation.
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Photo 8



Location	SERC – Western Parcel	Description	View north from southeast portion of Western Parcel at slurry pour for pipeline trench.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 18, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 80	0 – 10	0.0 in	Good	Overcast to sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation activities, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductworks, utility racks, generator, and stack foundations, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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 of equipment/materials; reporting.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower appears to have failed. No signs of activity. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southeast from central portion of Eastern Parcel at infrastructure foundation concrete pour.
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Photo 2



Location	SERC – Eastern Parcel	Description	View east-southeast from eastern portion of Eastern Parcel at southern perimeter ductwork trench following concrete pour.
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Photo 3



Location	SERC – Western Parcel	Description	View east-southeast from western portion of Western Parcel at ongoing foundation contouring work.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 19, 2019	Cara Snellen			0600-1445
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-77	1-10	0.0 in	Good	Cloudy/overcast in a.m.
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dirt movement and contouring, concrete finishing on foundations, dust suppression, movement of equipment/materials; reporting (see Photo Log).</p> <p>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, ground contouring and compaction, foundation concrete pour, slurry pour at south pipeline trench, removal of trench shoring at south pipeline, dust suppression, movement of equipment/materials; reporting (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity.</p> <p>Western SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; movement of materials/equipment. Surveyed Parcel and surrounding area (as accessible) for nesting activity.</p> <p>Eastern SCE Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; gravel delivery, dirt contouring at parcel entrance, movement of equipment/materials. Surveyed Parcel and surrounding area (as accessible) for nesting activity (see Photo Log).</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • No activity observed at the Eurasian collared dove (<i>Streptopelia decaocto</i>) nest on SCE West parcel tower. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), European starling (<i>Sturnus vulgaris</i>), common raven (<i>Corvus corax</i>), American kestrel (<i>Falco sparverius</i>)</p>				

Photo 1



Location	SERC – Western Parcel	Description	Concrete finishing activities at the foundations in the West parcel, facing southeast.
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Photo 2



Location	SERC –Eastern Parcel	Description	Foundation construction in East parcel, facing east.
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Photo 3



Location	SERC – Eastern Parcel	Description	Dirt contouring and dust suppression at the vehicle bridge in the East parcel, facing north.
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Photo 4



Location	SERC – Eastern Parcel	Description	Dirt excavation/removal, slurry pour, and shoring removal at the south pipeline trench in the East parcel, facing east.
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Photo 5



Location	SERC – SCE East Parcel	Description	Gravel deliveries in the SCE East parcel, facing east.
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Photo 6



Location	SERC – SCE East Parcel	Description	Material movement for storage in the SCE East parcel, facing southwest.
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Photo 7



Location	SERC – SCE East Parcel	Description	Overview of material and equipment located in SCE West parcel, facing west.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 22, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 84	0 – 7	0.0 in	Good	Overcast to sunny and humid
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing water pipeline installation activities, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductworks, utility racks, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, foundation slurry pour at south pipeline trench, removal of trench shoring at south pipeline, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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 of equipment/materials; reporting.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Date & Time: Mon, Jul 22, 2019, 09:06:21 PDT
 Position: 033.812509° N / 117.980882° W
 Altitude: 71ft
 Datum: WGS-84
 Azimuth/Bearing: 053° N53E 0942mils (True)
 Elevation Angle: +29.9°
 Horizon Angle: -02.6°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View east from eastern portion of Eastern Parcel at southern perimeter ductworks foundation slurry pour in progress.
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Photo 2



Date & Time: Mon, Jul 22, 2019, 09:11:20 PDT
 Position: 033.807028° N / 117.985574° W
 Altitude: 80ft
 Datum: WGS-84
 Azimuth/Bearing: 346° N14W 6151mils (True)
 Elevation Angle: +29.4°
 Horizon Angle: -01.6°
 Zoom: 1X

Location	SERC – Eastern Laydown	Description	View northwest from southeastern portion of Eastern Laydown at construction materials delivery. Items will be stored on the parcel.
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Photo 3



Date & Time: Mon, Jul 22, 2019, 09:12:05 PDT
 Position: 033.806756°N / 117.965430°W
 Altitude: 90ft
 Datum: WGS-84
 Azimuth/Bearing: 343° N17W 6098mils (True)
 Elevation Angle: -23.7°
 Horizon Angle: -03.5°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View northwest from central portion of Eastern Parcel at ongoing foundation contouring work. In the background, newly installed overhead powerlines warning flags are visible over entrance to Eastern Laydown.
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Photo 4



Date & Time: Mon, Jul 22, 2019, 09:16:03 PDT
 Position: 033.806411°N / 117.987173°W
 Altitude: 80ft
 Datum: WGS-84
 Azimuth/Bearing: 344° N16W 6116mils (True)
 Elevation Angle: +31.8°
 Horizon Angle: -01.8°
 Zoom: 1X

Location	SERC – Western Parcel	Description	View northwest from eastern portion of Western Parcel at new water demineralization system equipment atop foundation. In the background, newly installed overhead lines warning flags are visible over entrance to Western Laydown.
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Photo 5



Location	SERC – Western Parcel	Description	View northwest from eastern portion of Western Parcel at another new component of water demineralization system equipment sitting atop foundation.
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Photo 6



Location	SERC – Eastern Parcel	Description	View east-southeast from central portion of Eastern Parcel at ongoing piecemeal excavation work.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 23, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69 – 93	0 – 9	0.0 in	Good	Overcast to sunny and humid
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; pipe fabrication, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductworks, utility racks, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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 of equipment/materials; reporting.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Date & Time: Tue, Jul 23, 2019, 08:22:44 PDT
 Position: 033.806638° N / 117.985458° W
 Altitude: 92ft
 Datum: WGS-84
 Azimuth/Bearing: 036° N38E 0473mils (True)
 Elevation Angle: +23.9°
 Horizon Angle: -02.3°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View northeast from central portion of Eastern Parcel at piecemeal excavations for infrastructure foundations (foreground). And forms under construction (background).
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Photo 2



Date & Time: Tue, Jul 23, 2019, 08:35:18 PDT
 Position: 033.806752° N / 117.984125° W
 Altitude: 70ft
 Datum: WGS-84
 Azimuth/Bearing: 264° S84W 4693mils (True)
 Elevation Angle: +25.3°
 Horizon Angle: -01.7°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View southwest from eastern end of Eastern Parcel at ongoing southern perimeter ductworks foundation work.
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Photo 3



Location	SERC – Eastern Parcel	Description	View north-northeast from western portion of Eastern Parcel at forklift being used to offload construction materials.
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Photo 4



Location	SERC – Eastern Parcel	Description	View northeast from eastern portion of Western Parcel at ongoing parcel foundation contouring work. Water being sprayed for dust suppression.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 24, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70 – 94	0 – 8	0.0 in	Good	Sunny and humid
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ground contouring and compaction, dust suppression, pipe fabrication, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ongoing activities related to construction of the ductworks, utility racks, generator, and stack foundations, piecemeal excavation, ground contouring and compaction, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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 of equipment/materials; reporting.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: sharp-shinned hawk (<i>Accipiter striatus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Date & Time: Wed, Jul 24, 2019, 12:30:50 PDT
 Position: 033.806899°N / 117.986139°W
 Altitude: 169ft
 Datum: WGS-84
 Azimuth/Bearing: 034° N34E 0604mils (True)
 Elevation Angle: +27.1°
 Horizon Angle: -02.2°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View northeast from western portion of Eastern Parcel at ongoing construction of infrastructure foundation forms.
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Photo 2



Date & Time: Wed, Jul 24, 2019, 12:31:00 PDT
 Position: 033.806839°N / 117.986263°W
 Altitude: 87ft
 Datum: WGS-84
 Azimuth/Bearing: 335° N25W 5956mils (True)
 Elevation Angle: +30.1°
 Horizon Angle: -01.2°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View west from western portion of Eastern Parcel at infrastructure foundations under construction and at center of photo, new ammonia tank on its foundation.
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Photo 3



Location	SERC – Eastern Parcel	Description	View west-southwest from central portion of Eastern Parcel at ductworks under construction.
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Photo 4



Location	SERC – Eastern Parcel	Description	View west-southwest from eastern end of Eastern Parcel at ongoing construction of south perimeter infrastructure overlying ductworks.
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Photo 5



Location	SERC – Eastern Parcel	Description	View east-northeast from western portion of Eastern Parcel at ongoing construction of infrastructure foundation forms.
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Photo 6



Location	SERC – Eastern Parcel	Description	View northeast from western portion of Eastern Parcel at ongoing parcel foundation contouring work. Water, visible at right of photo, being sprayed for dust suppression.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 25, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69 – 91	0 – 7	0.0 in	Good	Very light rain early, humid and partly cloudy later
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; ground contouring and compaction, dust suppression, pipe fabrication, movement of equipment/materials; reporting.</p> <p>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, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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 of equipment/materials; reporting.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), American crow (<i>Corvus brachyrhynchos</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southeast from central portion of Eastern Parcel at ductworks foundation concrete pour.
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Photo 2



Location	SERC – Eastern Parcel	Description	View south from west end of Eastern Parcel at ongoing piecemeal excavation work.
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Photo 3



Location	SERC – Eastern Parcel	Description	View east-northeast from central portion of Eastern Parcel at ductworks following concrete pour. Top surface of concrete is dyed red to indicate underlying high voltage lines.
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Photo 4



Location	SERC – Eastern Parcel	Description	View east-northeast from eastern portion of Eastern Parcel at ongoing piecemeal excavation work.
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Photo 5



Date & Time: Thu, Jul 25, 2019, 12:22:01 PDT
 Position: 033.806876°N / 117.985567°W
 Altitude: 80ft
 Datum: WGS-84
 Azimuth/Bearing: 316° N44W 5618mils (True)
 Elevation Angle: +25.5°
 Horizon Angle: -01.9°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View west from central portion of Eastern Parcel at ongoing construction of ductworks.
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Photo 6



Date & Time: Thu, Jul 25, 2019, 12:22:45 PDT
 Position: 033.806837°N / 117.985530°W
 Altitude: 141ft
 Datum: WGS-84
 Azimuth/Bearing: 052° N52E+0924mils (True)
 Elevation Angle: +24.9°
 Horizon Angle: +02.7°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View east-northeast from eastern portion of Eastern Parcel at ongoing construction of infrastructure foundation.
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Photo 7



Date & Time: Thu, Jul 25, 2019, 12:23:29 PDT
 Position: 033.806579°N / 117.985791°W
 Altitude: 74ft
 Datum: WGS-84
 Azimuth/Bearing: 055° N55 E 0978mils (True)
 Elevation Angle: +26.7°
 Horizon Angle: -01.3°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	View east-northeast from eastern portion of Eastern Parcel at ongoing construction of south perimeter ductworks.
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Photo 8



Date & Time: Thu, Jul 25, 2019, 12:31:26 PDT
 Position: 033.806820°N / 117.986819°W
 Altitude: 70ft
 Datum: WGS-84
 Azimuth/Bearing: 280° N80W 4978mils (True)
 Elevation Angle: -23.2°
 Horizon Angle: -02.2°
 Zoom: 1X

Location	SERC – Eastern Parcel	Description	Another view south (see Photo 2) from west end of Eastern Parcel at ongoing piecemeal excavation work.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 26, 2019	Cara Snellen			0600-1445
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70-85	3-12	0.0 in	Good	overcast/humid in early a.m.
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dirt movement and contouring/compaction, foundation control panel work, dust suppression, movement/delivery of materials; reporting (see Photo Log).</p> <p>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, ground contouring and compaction, foundation and ductwork concrete pour, south pipeline trench work, expansion of Dale Ave. driveway, dust suppression, gravel delivery, movement of equipment/materials; reporting (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity.</p> <p>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 materials/equipment; reporting (see Photo Log).</p> <p>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. (see Photo Log).</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) 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). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), European starling (<i>Sturnus vulgaris</i>), American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>)</p>				

Photo 1



Location	SERC – Western Parcel	Description	Electrical control panel work and dirt movement/contouring in West parcel, facing east.
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Photo 2



Location	SERC –Eastern Parcel	Description	Foundation construction in East parcel, facing southeast.
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Photo 3



Location	SERC – Eastern Parcel	Description	Concrete pours at infrastructure foundations in East parcel, facing east.
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Photo 4



Location	SERC – Eastern Parcel	Description	Trenching near western fence in East parcel, facing northeast.
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Photo 5



Location	SERC –Eastern Parcel	Description	Dirt movement and contouring for driveway expansion at Dale Ave. in East parcel, facing north.
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Photo 6



Location	SERC – SCE East Parcel	Description	Delivery and movement of storage containers in SCE East parcel, facing northwest.
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Photo 7



Location	SERC – SCE West Parcel	Description	Overview of material and equipment located in SCE West parcel, facing west.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)
July 29, 2019		Cara Snellen			0600-1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
68-76	2-5	0.0 in	Good	overcast in early a.m.	
Location(s) of Work Site Activities Monitored					
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; dirt movement and contouring/compaction, foundation pump electrical work, dust suppression, gravel delivery; reporting (see Photo Log).</p> <p>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, trenching along western fence line, dirt movement and contouring/compaction, foundation concrete finishing, dust suppression, gravel delivery, movement of equipment/materials; reporting (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity.</p> <p>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; reporting.</p> <p>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, trenching along parcel connector driveway; reporting. (see Photo Log).</p>					
Summary of Biological Resources Monitoring Observations					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Eurasian collared dove (<i>Streptopelia decaocto</i>) 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). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 					
Wildlife Species Observed:					
<p>Birds: Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), European starling (<i>Sturnus vulgaris</i>), American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), barn swallow (<i>Hirundo rustica</i>)</p>					

Photo 1



Location	SERC – Western Parcel	Description	Excavation and dirt movement/contouring in West parcel, facing north.
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Photo 2



Location	SERC – Western Parcel	Description	Electrical work at foundations in West parcel, facing southeast.
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Photo 3



Location	SERC – Eastern Parcel	Description	Gravel delivery for trench fill in East parcel, facing south.
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Photo 4



Location	SERC – Eastern Parcel	Description	Trenching near western fence in East parcel, facing southeast.
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Photo 5



Location	SERC –Eastern Parcel	Description	Ongoing duct work in East parcel, facing west.
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Photo 6



Location	SERC – Eastern Parcel	Description	Overview of foundation work and dirt movement/compaction in East parcel, facing west.
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Photo 7



Location	SERC – SCE East Parcel	Description	Movement of materials in SCE East parcel, facing east.
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Photo 8



Location	SERC – SCE East Parcel	Description	Trenching across parcel connector driveway in SCE East parcel, facing north.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 30, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68 – 81	0 – 12	0.0 in	Good	Overcast early, sunny and breezy later
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>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.</p> <p>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, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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 of equipment/materials; reporting.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), common raven (<i>Corvus corax</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southwest from outside Dale Ave gate of Eastern Parcel piecemeal excavation and repositioning of base pile. Water being sprayed for dust suppression.
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Photo 2



Location	SERC – Eastern Parcel	Description	View southwest from eastern portion of Eastern Parcel at ongoing infrastructure foundation construction work.
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Photo 3



Location	SERC – Western Parcel	Description	View east-northeast from eastern portion of Western Parcel at vehicle bridge construction work.
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Photo 4



Location	SERC – Eastern Parcel	Description	View northeast from western portion of Eastern Parcel at new engineering equipment atop foundation adjacent to ammonia tank.
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Photo 5



Location	SERC – Eastern Parcel	Description	View southeast from central portion of Eastern Parcel at concrete work underway.
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Photo 6



Location	SERC – Eastern Parcel	Description	View south from central portion of Eastern Parcel at ongoing piecemeal excavation work. Water being sprayed for dust suppression.
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Photo 7



Location	SERC – Eastern Parcel	Description	Another view (see Photo 1) south-southeast from eastern end of Eastern Parcel at excavation work outside Dale Ave gate. Sidewalk will be removed, parcel entry drive will be graded at a slightly lower elevation, and sidewalk will be reconstructed
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Photo 8



Location	SERC – Eastern Parcel	Description	View south from east end of Eastern Parcel at ongoing parcel foundation contouring work.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor			Time (Begin-End)
July 31, 2019	Ken Levenstein			0600 -1500
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65 – 81	0 – 9	0.0 in	Good	cloudy early, sunny and warm mid-morning on
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>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.</p> <p>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, dust suppression, movement of equipment/materials; reporting. (see Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p> <p>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.</p> <p>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 of equipment/materials; reporting.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items requiring follow-up Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferous</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View northwest from the west end of the Eastern Parcel at foundation building/contouring at the vehicle bridge.
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Photo 2



Location	SERC – Eastern Parcel	Description	View east-southeast from eastern portion of Eastern Parcel at generator 1 foundation concrete pour.
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Photo 3



Location	SERC – Eastern Parcel	Description	Another view (east; see Photo 2) from eastern portion of Eastern Parcel at generator 1 foundation concrete pour.
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Photo 4



Location	SERC – Eastern Parcel	Description	View west from eastern portion of Eastern Parcel at ongoing ductworks construction.
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Photo 5

Date & Time: Wed, Jul 31, 2019, 09:46:25 PDT
 Position: 033.807148°N / 117.965320°W
 Altitude: 73ft
 Datum: WGS-84
 Azimuth/Bearing: 349° N11W 6204mils (True)
 Elevation Angle: +29.9°
 Horizon Angle: -02.6°
 Zoom: 1X



Location	SERC – Eastern Laydown	Description	View north from south entrance to Eastern Laydown at flatbed trailer delivering Conex.
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Photo 6

Date & Time: Wed, Jul 31, 2019, 09:47:49 PDT
 Position: 033.806897°N / 117.965504°W
 Altitude: 157ft
 Datum: WGS-84
 Azimuth/Bearing: 311° N49W 5529mils (True)
 Elevation Angle: +29.8°
 Horizon Angle: -01.6°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	Another view (west; see Photo 1) from the west end of the Eastern Parcel at foundation building/contouring at the vehicle bridge.
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Appendix C Wildlife Species List

**Observed Wildlife Species List
July 1 - July 31, 2019
Stanton Energy Reliability Center**

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
Barn swallow	<i>Hirundo rustica</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
Cassin's kingbird	<i>Tyrannus vociferans</i>	--/--/--
Common raven	<i>Corvus corax</i>	--/--/--
Eurasian collared dove	<i>Streptopelia decaocto</i>	--/--/NP
European starling	<i>Sturnus vulgaris</i>	--/--/NP
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/NP
Killdeer	<i>Charadrius vociferus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mitred parakeet	<i>Psittacara mitratus</i>	--/--/NP
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/NP
Sharp-shinned hawk	<i>Accipiter striatus</i>	--/--/--
Turkey vulture	<i>Cathartes aura</i>	--/--/--
Mammals		
Domestic cat	<i>Felis catus</i>	--/--/--
Botta's pocket gopher	<i>Thomomys bottae</i>	--/--/--

Status Codes:

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

Federal:

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

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

BCC = Birds of Conservation Concern

State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

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

S = Sensitive

WL = Watch List

SP = Special Animals List

Other:

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

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

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

NP = Not Protected (Introduced Species)

Appendix D
Wildlife Observation Forms

Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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

Date	Observer	Observer's Employer
07/2/2019	Ken Levenstein	Jacobs

Location of Observation

Under the SCE Transmission Line Towers; 33.8071660, -117.9874540

Wildlife Species	Condition of Wildlife (alive/dead)
Domestic cat (<i>Felis catus</i>)	Dead

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

Unknown

Current Location of Animal

Stanton Energy Reliability Center (SERC).

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes No NO N/A

If Yes, Explain

Additional Comments

The highly desiccated partial carcass of a domestic cat was encountered under the transmission line towers on the Western SCE Parcel, adjacent to and approximately 75 feet north of the SERC Western Parcel. The carcass was disposed of. No photos taken.

Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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

Date	Observer	Observer's Employer
07/16/2019	Ken Levenstein	Jacobs

Location of Observation

Eastern Laydown: 33.8071629, -117.9861746.

Wildlife Species	Condition of Wildlife (alive/dead)
Botta's pocket gopher (<i>Thomomys bottae</i>)	Live

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

Current Location of Animal

Stanton Energy Reliability Center (SERC) Eastern Laydown Area.

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes No N/A

If Yes, Explain

A Botta's pocket gopher (*Thomomys bottae*) was rescued during road bed construction on the Eastern Laydown and relocated unharmed to a safe spot at the northern edge of the parcel.

Additional Comments

Photo 1



Location	SERC – Eastern Laydown	Description	Botta's pocket gopher photographed in plastic bucket before being released unharmed.
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Photo 2



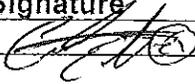
Location	SERC – Eastern Laydown	Description	View west-northwest of Eastern Laydown from eastern portion of the Parcel. Pocket gopher was rescued from grassy area at center of photo.
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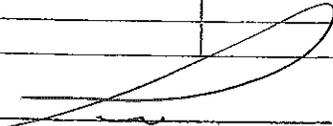
Appendix E WEAP Training Logs

Certification of Completion of Worker Environmental Awareness Education Program

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

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

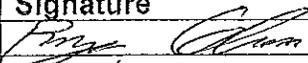
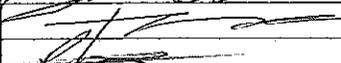
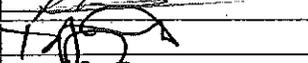
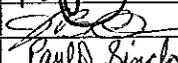
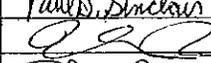
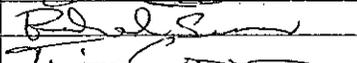
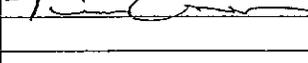
No.	Employee Name	Company	Signature	Date
1.	Carlos E. Ramirez			07-02-19
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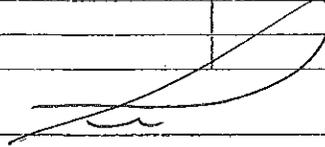
Trainer: T. DRAPER Signature:  Date: 7/1/19

Certification of Completion of Worker Environmental Awareness Education Program

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

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

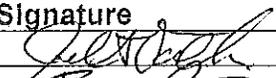
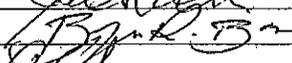
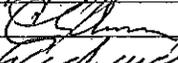
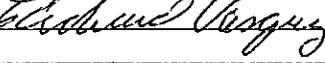
No.	Employee Name	Company	Signature	Date
1.	RYAN COLACINO	ARB		7-8-19
2.	TREVOR SANDOVAL	ARB		7-8-19
3.	RICHARD ALLEN	ARB		7-8-19
4.	WAYNE GARRITO	NEUTRON		7/8/19
5.	John Adams	NEUTRON		7/8/19
6.	Paul Sinclair	NEUTRON	Paul D. Sinclair	7/10/19
7.	Natalie Lawson	PalcoWest		7/10/19
8.	Richard Serrano	PalcoWest		7/10/19
9.	TIM CARSON	NEUTRON		7-12-19
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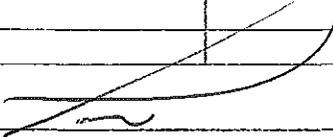
Trainer: T. DRAPER Signature:  Date: 7/8/19

Certification of Completion of Worker Environmental Awareness Education Program

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

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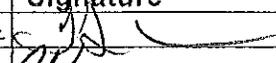
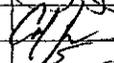
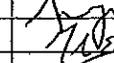
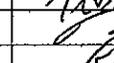
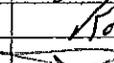
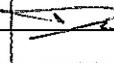
No.	Employee Name	Company	Signature	Date
1.	JOEL A. WALKER	ARB		7-15-19
2.	BRYAN RITSAZJA	CMC		7-16-19
3.	Carlos Elizalde	CMC		7-17-19
4.	RICHARD VASQUEZ	NEUTRON		7-18-19
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Trainer: T. DRAPER Signature:  Date: 7/15/19

Certification of Completion of Worker Environmental Awareness Education Program

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

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No.	Employee Name	Company	Signature	Date
1.	Tom Smith	Bill's Boelwerke		7/22/19
2.	Cal Christensen	ARB		7-22-19
3.	Eddie Gonzales	ARB		7-22-19
4.	Larry Higbee	Newton		7-22-19
5.	Angel Martinez	Newton		7-22-19
6.	Teddis Ferguson	CMC		7-23-19
7.	Robert Ramos	CMC		7-23-19
8.	Ronald Landman	CMC		7-23-19
9.	Brian W. Donohue	Newton		7/25/19
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Trainer: T. DRAPER Signature:  Date: 7/22/19

Certification of Completion of Worker Environmental Awareness Education Program

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

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

No.	Employee Name	Company	Signature	Date
1.	David Eskander	Newtron		7/30
2.	Tom Vogel	ARB		7.29.19
3.	Anthony Castaneda	ARB		7.29.19
4.	Jacobi Dyles	Newtron		7.29.19
5.	Salvador Trujillo	ARB		7-31-19
6.	Jesus Ramirez	ARB		7-31-19
7.	Francisco Castillo	ARB	Francisco Castillo	7-31-19
8.	Guillermo Marchant	Newtron		
9.	DAVID GALIZA-AKA	NEWTRON		8-2-19
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Trainer: T. DRAPER

Signature: _____

Date: 7/29/19

Attachment 5 – CIVIL

Attachment 5 has been deliberately left blank in this reporting period

Attachment 6 – Cultural Resources



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
July 2019**

To: Tim Bofman, SERC, LLC

From: Phil Reid, Jacobs
SERC CEC Designated Cultural Resources Specialist

Date: August 2, 2019

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

1. Introduction

This July 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from July 1 through July 31, 2019 at the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. 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, Gloriella Cardenas and Natalie Lawson 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
7/1/19	1	1
7/2/19	1	1
7/3/19	1	1

Table 1. Number of CRMs and NAMs Present, by Date		
Date	CRMs	NAMs
7/4/19	Holiday - no construction	Holiday - no construction
7/5/19	Holiday - no construction	Holiday - no construction
7/8/19	1	1
7/9/19	1	1
7/10/19	1	1
7/11/19	1	1
7/12/19	1	1
7/15/19	1	1
7/16/19	1	1
7/17/19	1	1
7/18//19	1	1
7/19/19	1	1
7/22/19	1	1
7/23/19	1	1
7/24/19	1	1
7/25/19	1	1
7/26/19	1	1
7/29/19	1	1
7/30/19	1	1
7/31/19	1	1
Total CRM/NAM-Days	21	21

4. Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Monday July 1, 2019. Activities monitored included duct bank and fire-water line trenching, miscellaneous shallow excavations of fill soils on Parcels 1 and 2, and the SCE owned laydown area. Excavations occurred to depths of 3 to 6 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 duct bank excavations at approximately 3 feet in Parcels 1 and 2. Native soils are light to yellow, fine- to medium-grained sands underlain by similar sands. 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.

SERC Cultural Resources Monthly Compliance Report – July 2019

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	Requirements	State of Compliance
CUL-1: Appointment and Qualifications of Cultural Resources Personnel	<ul style="list-style-type: none"> • Owner must appoint a designated Cultural Resources Specialist (CRS) and Alternate CRSs. CRS will manage monitoring and reporting and make recommendations regarding eligibility of finds for California Register of Historical Resources • CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs) • CRS may obtain services of additional technical specialists as needed. 	<p>In compliance</p> <ul style="list-style-type: none"> • Owner has appointed CRS and Alternate CRS. CRS is directing monitoring. • CRS has obtained services of CRMs and NAMs • No additional technical specialists have been required
CUL-2: Information to be Provided to CRS	<ul style="list-style-type: none"> • 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. 	<p>In compliance</p> <ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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. 	<p>In compliance</p> <ul style="list-style-type: none"> • The CRMMP has been prepared and approved by the CPM
CUL-4: Final Cultural Resources Report	<p>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.</p>	<p>Not applicable – construction is not completed.</p>
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	<ul style="list-style-type: none"> • 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 	<p>In compliance</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 	<p>In compliance</p> <ul style="list-style-type: none"> • 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

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	Requirements	State of Compliance
	with LORS	non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	<ul style="list-style-type: none"> • The CRS has authority to halt construction in the event of a cultural resource find • The CRS or CRM must record the find on Form DPR-523 and notify the CPM • If human remains are found, the CRS must notify the Native American Heritage Commission. • If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification. 	<p>In compliance</p> <ul style="list-style-type: none"> • No cultural resources have been found • No human remains have been found • No finds of interest to Native Americans have been made
CUL-8: Fill Soils	If the project will use fill from a non-commercial borrow site or deposit sediments in a non-commercial fill site, the CRS must conduct a pre-construction cultural resources survey of the site.	<p>In compliance</p> <ul style="list-style-type: none"> • 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 the July 1 through July 31, 2019, a total of 30 persons completed the SERC WEAP training. The hardcopy sign-in training logs for the July 2019 reporting period are included the Biological Resources Monthly Compliance Report.

9. Anticipated Changes in the Next Period

Installation and maintenance of site BMPs, facilities footings, duct bank and utility trenches will continue in the following month. A CRM will be on site to monitoring and respond to discoveries if they occur.

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
July 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 July 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. Richard Serrano served as the alternate PRM, in the absence of Ms. Maldonado.

Monitoring of construction activities at the Project site has occurred consistently throughout the month of July. Excavations continued in Parcel 1 in addition to minor activities in Parcel 2. Table 1 below depicts the activities which took place within each parcel week by week.

Paleontological Resources Discoveries This Period

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

Anticipated Work and/or Changes in the Next Period

Pipe installations at various locations

Comments, Issues or Concerns

None to report.

Table 1. Monitoring and Associated Activities This Period

Week	Location	Activity	Stratigraphy	Paleontological Resources
1	Parcel 1 Parcel 2	1. Excavation of the 66 kV trench to a depth of 14 feet 2. Excavation of a trench east of the trailers to a depth of 5-6 feet for a potable water line	1. Poorly indurated light gray to buff medium sands with orange to beige laminae visible at 5 feet below ground surface (bgs). 2. 3 to 4 foot layer of sandy loam with reworked materials. Below 4 feet, a fine to moderately sorted	No paleontological resources were observed

Week	Location	Activity	Stratigraphy	Paleontological Resources
			beige sand appeared	
2	SCE Parcel at Dale entrance Parcel 2 Parcel 1	1. Excavation 6 inches deep for installation of rumble plates at the entrance 2. Excavation of a trench east of the trailers to a depth of about 3 feet on far east end for a potable water line continued 3. Excavation of an 8 foot deep trench between the 66kv line and railroad for pipe adjustment 4. Trenching for electrical grounding cables and conduits	1. Surface sediment was impacted consisting of brown silty loam 2. Sandy loam with reworked materials 3. Native sediment consisting of fine to moderately sorted light beige sand 4. Engineered fill (gravel base)	No paleontological resources were observed
3	Parcel 2 (Edison property, west Laydown) West and east laydown parcels	1. Minor surface grading to 6 inches to lay down base 2. Hand auger used to drill eight holes (6 inches wide x 5 feet depth)	1. Disturbed 2. Moderately sorted beige loamy sand	No paleontological resources were observed
4	Parcel 1	1. Excavation of a few trenches 2 feet wide x 3 feet deep for ground wiring along west abutment	1. Sandy loam with reworked material	No paleontological resources were observed
5	Parcel 1	1. Excavation of a trench on east laydown for a temporary waterline. Trench was 20 feet x 1	1. Disturbed 2. Disturbed	No paleontological resources were

Week	Location	Activity	Stratigraphy	Paleontological Resources
		foot x 1 foot 2. Excavation at Dale entrance to Parcel 1, 12-14 inches deep to pour concrete and extend the sidewalk		observed

Attachment A
Daily Monitoring Logs



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/1/2019 2:32:13 PM

Project Location: Stanton, CA

Weather:

Sunny 81

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 & 2

Scope of Construction Work Monitored/Equipment Used:

Shovel; CASE Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

In the AM ARB used a shovel to dig out small footings at the bottom of the 66kv trench in parcel 1 (max depth ~14'bgs). In the afternoon ARB began excavating a trench located just east of the trailers in parcel 2. The trench is for a potable water line with a max depth of 5-6'bgs.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations in Parcel 2 show a top 3-4' layer of sandy loam with rusted metal and modern trash inclusions. Below 4' is a fine to moderately sorted beige sand.

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:

7/1/2019 2:43:46 PM

Overview of trench and trench floor (potable water line)



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/2/2019 2:12:34 PM

Project Location: Stanton, CA

Weather:

Monitor(s): jmaldonado

Sunny 78

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

Scope of Construction Work Monitored/Equipment Used:

CASE Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB continued excavations for the potable water trench located just east of the trailers in parcel 2. Excavations reached a max depth of 5-6' bgs.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations in Parcel 2 show a top 3-4' layer of sandy loam with rusted metal and modern trash inclusions. Below 4' is a fine to moderately sorted beige sand.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations will continue

Attachments (Y/N):

Yes No

Photograph Record:

7/2/2019 2:17:46 PM

Overview of potable water trench from east end where they had to stop for today in order to allow access on the road.



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/3/2019 1:43:35 PM

Project Location: Stanton, CA

Weather:

Sunny 78

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 max depth ~8'bgs

Scope of Construction Work Monitored/Equipment Used:

CASE Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB continued excavations for the potable water trench located east of the trailers in parcel 2, extending east. They reached a storm drain and had to go deeper to have the line run underneath.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations in Parcel 2 show a top 3-4' layer of sandy loam with scarce refuse. Below 4' is a fine to moderately sorted light beige sand.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

None

Plan for tomorrow:

ARB is not onsite for the 4th and 5th in observance of Independence Day. Excavations will resume on Monday the 8th.

Attachments (Y/N):

Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/8/2019 2:12:51 PM

Project Location: Stanton, CA

Weather:

AM overcast; PM sunny 74

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

Scope of Construction Work Monitored/Equipment Used:

CASE Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used a backhoe to continue excavation of the potable water line, ~3' bgs in the east end. Spot checked ARB excavations for paleontological resources.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Majority of excavation was in disturbed sediment and base backfill, but partially in light brown loamy sand.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

None

Plan for tomorrow:

Excavations will continue

Attachments (Y/N):

Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/9/2019 2:42:33 PM

Project Location: Stanton, CA

Weather:

Sunny 79

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:

SCE parcel at the Dale entrance

Scope of Construction Work Monitored/Equipment Used:

CASE Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Spot checked ARB grading down 6" for installation of rumble plates at the entrance.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations only impacted surface sediment which consisted of brown silty loam.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

None

Plan for tomorrow:

Excavations will continue

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/10/2019 9:02:14 AM

Project Location: Stanton, CA

Weather:

Monitor(s): jmaldonado

Sunny 81

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:

SCE parcel at Dale entrance; parcel 1 SW area; parcel 2 potable waterline (east end)

Scope of Construction Work Monitored/Equipment Used:

CASE Backhoe; miniexcavator

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Spot checked ARB grading down 6" for installation of rumble plates at the entrance of SCE lot. Monitored ARB use a minix to dig a small 8' deep trench inbetween the 66kv line and the railroad for a pipe adjustment. ARB also finished digging the east end trench portion for the potable water line located in parcel 2.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

The excavation in parcel 1 showed native sediment of a fine to moderately sorted light beige sand. All other excavations were within base, fill or disturbed top soil.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

None

Plan for tomorrow:

Excavations are planned to continue.

Attachments (Y/N): Yes No

Photograph Record:

7/10/2019 11:23:56 AM



Excavation at Parcel 1 inbetween 66kv and railroad tracks



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 7/11/2019 10:17:11 AM

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:

CASE 510 Super N Extendahoe, 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:

All material observed was engineered fill (gravel base)

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed

Additional Comments:

Attended WEAP and safety training. Monitoring was conducted by PRM Richard Serrano

Plan for tomorrow:

There will be some additional trenching but these will be less than 4ft depth

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 7/12/2019 10:24 AM

Project Location: Stanton, CA

Weather:
clear, mid 80s

Monitor(s): nkottachchi

Work Start Time: 06:30

Work End Time: 14:30

Construction Company: Primrose/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:

The project is located south of Cerritos Blvd and west of Dale Ave

Scope of Construction Work Monitored/Equipment Used:

CASE 510 Super N Extendahoe, 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:

All material observed was engineered fill (gravel base)

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed

Additional Comments:

Monitoring was conducted by PRM Richard Serrano

Plan for tomorrow:

No work on the weekend

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/15/2019 2:41:09 PM

Project Location: Stanton, CA

Weather:

Sunny 81

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 Edison property (west Laydown)

Scope of Construction Work Monitored/Equipment Used:

Skip loader

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Minor surface grading to level. Laying down base for laydown

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

All sediment disturbed was within the top 6 inches of silty loam.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations are planned to continue

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/16/2019 7:18:29 AM

Project Location: Stanton, CA

Weather:

Sunny 81

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:

West and east Laydown parcels

Scope of Construction Work Monitored/Equipment Used:

Hand auger

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used a hand auger to drill a total of 8 holes, 6 inches wide and 5' deep.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Sediment observed was of a moderately sorted beige loamy sand.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

None

Plan for tomorrow:

Excavations are planned to continue

Attachments (Y/N): Yes No

Photograph Record:

7/16/2019 7:18:34 AM



6in auger used to drill a 5' deep hole.



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/17/2019 2:04:27 PM

Project Location: Stanton, CA

Weather:

Sunny 78

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):

Monitors on standby while concrete pour took place onsite.

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 are planned to continue.

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/18/2019 1:31:18 PM

Project Location: Stanton, CA

Weather:

Sunny 79

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 today. Monitors were on standby and spot checked backfill activities taking place on both parcels.

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 are planned to continue

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/19/2019 2:10:35 PM

Project Location: Stanton, CA

Weather:

Monitor(s): jmaldonado

Sunny

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):

Monitors were on standby while crew continued to backfill in Parcel 1

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 will continue next week

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/22/2019 2:01:43 PM

Project Location: Stanton, CA

Weather:

Sunny 85

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):

Monitors on standby while ARB crew backfilled in Parcel 1.

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 will continue throughout the week.

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/23/2019 2:08:28 PM

Project Location: Stanton, CA

Weather:

Sunny and hot 93

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):

Monitors on standby while ARB crew backfilled areas in Parcel 1.

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 throughout the week.

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/24/2019 2:22:55 PM

Project Location: Stanton, CA

Weather:

Sunny 93

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):

Monitors on standby while ARB crew backfilled areas in both Parcels.

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 throughout the week.

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/25/2019 12:28:17 PM

Project Location: Stanton, CA

Weather:

Sunny and humid 86

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 west abutment

Scope of Construction Work Monitored/Equipment Used:

Mini CAT excavator 305 E

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used the mini ex to dig a few trenches for ground wiring. Trenches were roughly 2' wide and 3' bgs.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations were within the top 3' of undisturbed sediment, a sandy loam with modern refuse.

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: 7/29/2019 2:40:37 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:

East Laydown - entrance to parcel 1

Scope of Construction Work Monitored/Equipment Used:

Mini excavator

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used a miniexcavator to dig a trench for a temporary waterline. Trench was 1'Dx1'Wx20'L

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations were within disturbed sandy fill.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations may continue throughout the week.

Attachments (Y/N):

Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/30/2019 2:27:42 PM

Project Location: Stanton, CA

Weather:

Sunny 81

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:

Dale Entrance to Parcel 1

Scope of Construction Work Monitored/Equipment Used:

Backhoe; mini excavator

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

ARB used a backhoe to excavate at the entrance to parcel 1 in order to pour concrete and extend the sidewalk. Excavations here were 12-14" deep. Other minor excavations occurred in parcel 1, 6" in mostly base, sometimes impacting sidewalks of the project.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations were within disturbed sandy fill that contained modern plastic refuse.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations are planned to continue

Attachments (Y/N):

Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/31/2019 2:25:15 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:

N/A

Scope of Construction Work Monitored/Equipment Used:

N/A

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

No excavations occurred today. Monitors were on standby while ARB crew dealt with a concrete pour and backfill

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 continue throughout the week.

Attachments (Y/N): Yes No

Photograph Record:



Daily Monitoring Report - Paleontology

Project Name: SERC

Date: 7/26/2019 8:08 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:

CASE 510 Super N Extendahoe, CAT 405C mini excavator

Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Trenching for electrical grounding cables, excavation for extension of driveway at Dale Ave, Work never extended below fill at both locations.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

All material observed was engineered fill (gravel base) or previously disturbed.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were observed.

Additional Comments:

Monitoring was conducted by Richard Serrano

Plan for tomorrow:

No work on the weekend

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



Home Accounts Payments Transfers Check Services Tools

Timeout: 0:14:42

View US Wire

Use this page to view a US Wire

[Help](#)

[View Payment History](#)

Payment Information

Status Confirmed

Confirmation Number IMAD:0718L4B74B1C000053

Payment Number 49503654

Debit Account SERC OP - *****6538

Debit Amount 127,538.59 USD

Value Date 07/18/2019

Send Date 07/18/2019

Frequency One-Time Only

Reference for Recipient Invoice 127132

Details of Payment Stanton Energy Reliability Center
Invoice#127132

Ordering Customer

Recipient Information

Recipient NV5 Inc.
Account Number [REDACTED]
200 S Park Road STE 350
Hollywood, FL 33021-8798

Recipient Bank BANK OF AMERICA, N.A., NY
[REDACTED]
NEW YORK NY UNITED STATES

Options

Intermediary Bank

Receiving Bank

Bank to Bank Information

[Cancel](#)

Attachment 11 – GEN-6 Special Inspectors



FIELD REPORT

REPORT DATE: July 29, 2019 **TRIP DATE:** June 24–25, 2019

CLIENT: Stanton Energy Reliability Center

CONTACT: Tim Bofman **WEATHER:** Partly cloudy; temperatures 60-70 deg F

PROJECT: Stanton Energy Reliability Center

LOCATION: Stanton, CA

POWER REP.: James Heaney

TRIP PURPOSE: GSU Cold Joint Coordination and Observation of CTG2 Foundation Concrete Placement

CONSTRUCTION AREAS OBSERVED:

Activity No.	Description
1	SPM foundation conduit stub-ups being installed, utility rack foundation type 2 foundation reinforcement being installed and tied.
2	ERU2 foundations formwork installed, anchor bolts and reinforcement in process of being installed and tied in place .
3	CTG2 foundation concrete being placed monolithically. NE Pedestals for Unit 2 power block wall foundations being placed at the same time. Concrete sampling and quality control testing is being completed as specified.

DISCREPANCIES:

Activity No.	Description
1	Previously placed concrete pedestal for GSU foundation was not cast monolithically. Delay of concrete trucks due to overload at the ready-mix plant caused significant delay and fresh concrete was placed on top of hardened concrete. Contractor noted that they were unable to vibrate new layer into previously placed layer of concrete. The location and appearance of this was reviewed during this site visit. It was determined that the contractor’s explanation of the joint’s location was accurate. I reviewed the findings from previously sent cold joint with the contractor’s representative (Nick Tasich of ARB) and discussed the plan forward. Nick is getting into contact with potential subcontractors to perform design, detailing, and installation of fiber-wrap concrete system per our discussion. POWER indicated that details manufacturer will need to provide the following: 1) System designed to replace #6 pedestal perimeter bars that are no longer engaged due to minimal embedment in top 8-10” of concrete; 2) Bond length above and below joint; and 3) Detail for platform beam anchorage through fiber-wrapped concrete section of pedestal.

NOTES:

None

FIELD REPORT

CONCLUSION:

Construction observation during this site visit is in conformance with the design intent with no cold joints located in the foundation. Discrepancy repair of GSU pedestal foundation, as discussed above, is being designed/detailed for Engineer's review and approval by the contractor.

CERTIFICATION:

Site Visit Performed By: _____ 

Site Visit Report Reviewed and Approved By: William H. Romines Jr.

Lead Engineer Seal:



FIELD REPORT

PHOTOS:



6/24/2019: GSU Pedestal Cold Joint Elevation Measurement 1



6/24/2019: GSU Pedestal Cold Joint Elevation Measurement 2

FIELD REPORT



6/24/2019: GSU Pedestal Cold Joint – East Face



6/24/2019: CTG2 Foundation 02-MK1 Anchor Bolts in Foreground, ERU 2 Foundation Formwork and Reinforcement in Background

FIELD REPORT



6/25/2019: CTG2 Concrete Placement in Progress



6/25/2019: CTG2 Concrete Surface Finishing

FIELD REPORT



6/25/2019: CTG2 Concrete Strength Cylinder Casting



6/25/2019: CTG2 Concrete Strength Cylinder Casting



FIELD REPORT

REPORT DATE: July 29, 2019 **TRIP DATE:** July 8-9, 2019

CLIENT: Stanton Energy Reliability Center

CONTACT: Tim Bofman **WEATHER:** Mostly Sunny; temperatures 65-78 deg F

PROJECT: Stanton Energy Reliability Center

LOCATION: Stanton, CA

POWER REP.: James Heaney

TRIP PURPOSE: Originally ERU2 Concrete Placement Observation Prior to Rescheduling

CONSTRUCTION AREAS OBSERVED:

Activity No.	Description
1	NE potable water line being installed in trench. Adjacent firewater line has previously been installed and backfilled. ARB waiting on outstanding RFI to install drain/sewer line.
2	ERU2 foundations formwork installed. Anchor bolts and reinforcement are complete, and POWER reviewed for general conformance. POWER worked with ERU vendor to determine that additional reinforcement was not required for anchor supplemental reinforcement.
3	U2 Oily Water Waste Tank Foundation Base Slab formwork and reinforcement being installed.
4	Demin Water Skid and Fogging Water Recycle Tank foundations have been placed and in curing process. Formwork to be removed shortly.
5	CTG1 Formwork being assembled
	Utility Rack Type 1 reinforcement being tied.

DISCREPANCIES:

Activity No.	Description
1	Contractor advised that future RFI would be generated to for power block wall foundation at column line D2 due to interfering duct bank being placed 3" higher in elevation than originally anticipated. It was agreed onsite that foundation at D2 could be raised in elevation by 3" and pedestal shortened by 3" to achieve original top of concrete elevation required and add additional conservatism to the design of the foundation.

NOTES:

None

FIELD REPORT

CONCLUSION:

Construction observation during this site visit is in conformance with contract documents. ERU2 formwork and reinforcement has been reviewed for general compliance by POWER. ERU2 foundation concrete will be placed on Saturday 7/13/19, and POWER will be available via cell phone to direct work modifications if concrete delays occur; however POWER does not plan to be onsite during placement. Design and detail of repair joint for GSU pedestal foundation is still in progress by contractor's subcontractor and will be submitted shortly for Engineer's review and approval.

CERTIFICATION:

Site Visit Performed By: _____ 

Site Visit Report Reviewed and Approved By: William H. Romines Jr.

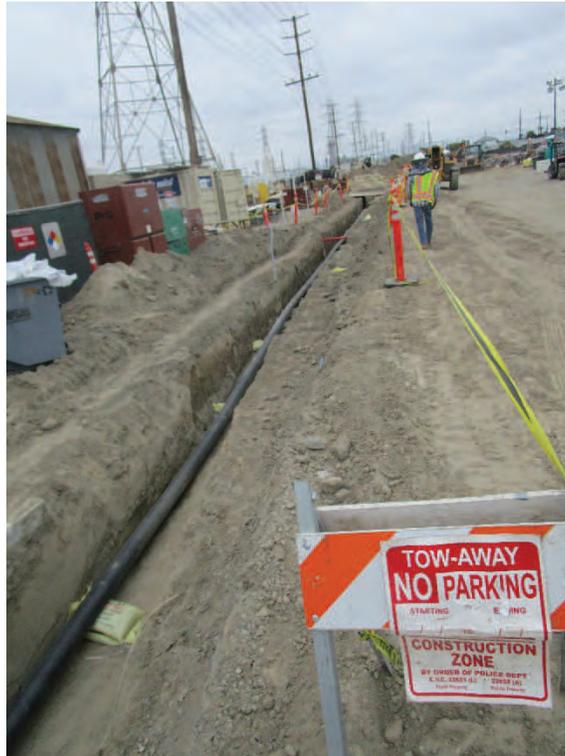
Lead Engineer Seal:




JULY 29, 2019

FIELD REPORT

PHOTOS:



7/8/2019: Parcel 2 Potable Water Trench

v



7/8/2019: ERU2 Formwork SE Corner

FIELD REPORT



7/8/2019: ERU2 AB Plan 3 Detail, 02-MK3 Anchor Bolts



7/8/2019: ERU2 AB Plan 2 Detail, 02-MK3 Anchor Bolts

FIELD REPORT



7/9/2019: U2 Oily Water Waste Tank Foundation Base Slab Formwork and Reinforcement



7/9/2019: Formwork Before Removal on Demin Water Skid and Fogging Water Recycle Tank Foundation

FIELD REPORT



7/9/2019: CTG1 Formwork Assembly



7/9/2019: Utility Rack Foundation Type 1 Formwork and Reinforcement

Attachment 12 – Gen-7 Discrepancy

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

Attachment 13 – GEN-8 Final Inspections

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

Attachment 14 – SOIL&WATER-4 Water Use

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
7/1/2019	38580	470
7/2/2019	39270	690
7/3/2019	39850	580
7/4/2019	39850	0
7/5/2019	39850	0
7/8/2019	40120	270
7/9/2019	40580	460
7/10/2019	41160	580
7/11/2019	41790	630
7/12/2019	42490	700
7/15/2019	43250	760
7/16/2019	43990	740
7/17/2019	44690	700
7/18/2019	45320	630
7/19/2019	46100	780
7/22/2019	46880	780
7/23/2019	47430	550
7/24/2019	48190	760
7/24/2019	48700	510
7/26/2019	49380	680
7/29/2019	50030	650
7/30/2019	50650	620
7/31/2019	51310	660
Total		13200

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: July 17, 2019

TO: Engineering Manager
Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: STRUC-1-11.0 Equip and Sys Fdn Plans & Calcs X1 - SERC_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: 2019.07.17
09:20:37 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 22, 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-1-15.0_AIR COMP CANOPY & CALCS_190717_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).

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SERC_16-AFC-01

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Digitally signed by Alan Ho
Reason: Reviewed for Code
Compliance.

Date: 2019.07.22 22:23:55
-07'00' ®

MEMORANDUM – DCBO APPROVAL

DATE: July 22, 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-1-16.0_PBE U1&2, RO CANOPY, & SOLID
WASTE_190712_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).

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SERC_16-AFC-01

--- REVIEWED ---

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Digitally signed by
Alan Ho

Reason: Reviewed for
Code Compliance.

Date: 2019.07.22

20:41:56 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 14, 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-1-17.0_GT & ERU S. STRUCS &
CALCS_190711_EXPEDITE_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: 2019.07.14
14:14:20 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 22, 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-1-20.0_DEMIN TANK & CALCS_190712_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: 2019.07.22
20:18:00 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 10, 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: STRUC-1-23.0 Ammonia Tank_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: 2019.07.10

18:29:37 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 25, 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-1-29.0_FUEL GAS FILTER SKIDS_190717_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 structural anchorage of vertical vessels to skid and skid to foundation and structural loads to the foundation only.

Date: 2019.07.25 21:49:28 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 28, 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-1-30.0_HV SF6 BREAKER_190719_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: 2019.07.28
10:43:01 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 26, 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-1-31.0_NH_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: 2019.07.27

18:26:07 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 26, 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-1-33.0_SWYD STEEL & EQUIP_190719_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: 2019.07.26
18:58:44 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 9, 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: STRUC-1-34.0 SPM Foundation_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 for foundation only.

Date: 2019.07.09

21:06:45 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 14, 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: STRUC-1-36.0 CTG Access Platforms PCF - SERC

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: 2019.07.14
22:08:00 -07'00'

Attachment 17 – TRANS-1 Permits

< Attachment 17 has been deliberately left blank in this reporting period >

Attachment 18 – Safety Inspection Report



SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT

JULY 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 July 2019.

We have been in compliance with all safety policies and procedures on the SERC project. Personnel have been participating in our Personal Safety Commitment observation program and stop work responsibility has been a big focus to our constantly changing safety culture. We have had Two (2) reported Incidents involving Lower Back muscle strain and Lower Back abrasion. The Employee with the muscle strain was taken to the Industrial Clinic for treatment. The treating Physician advised icing, some exercises, gave him ibuprofen, and scheduled for a follow up appointment. He was released to full duty immediately. Within Four (4) days during the Fourth of July weekend, he came back feeling a 100%. That Monday afternoon he was discharged from the Clinic. The second Employee sustained an abrasion on the small of his lower back, which appeared as a deep rug burn by description. He apparently tripped and fell backwards scrapping his back on an anchor bolt on top of the CT-2 foundation. This Employee expressed that he did not feel there was any internal damage and when it was asked if he would like to seek medical attention, he refused treatment and signed a refusal of medical treatment form. He has not missed any work and expresses he is back to normal now.

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. On July 17th, we also conducted an Emergency Evacuation drill to bring up the awareness of the alarms sounding, which evacuation muster point to report to and what to do in different situations.

We have had discussions on Holiday Safety, Authorized Company Vehicle/Equipment Operations & Use, Emergency Evacuation Alarms & Procedures for the SERC Project and Safety Data Sheets (SDS) as the topics in our all hands safety meetings for the month of July 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.

Only these Two first aids were reported, no recordables or loss time Injuries to report for this month.

Tim Draper,

ARB, Inc. Safety Manager,

SERC Project Safety

tdraper@prim.com

(949) 678-1643

Attachment 19 – CIVIL-3 Non-Compliance Reports

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

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

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280441-08B
Date: Monday, July 8, 2019 7:50:35 AM

EXTERNAL EMAIL

EMLCFM 00550B USAS 07/08/19 07:50:34 A190280441-08B 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: 08B Created: 07/08/19 07:50 User: DIRECT Chan: WEB

Work Start: 07/08/19 07:50 Legal Start: 07/08/19 07:50 Expires: 08/05/19 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=FAELlBmGcK9i5r5-i

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]

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		
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB	TCC	800-655-8844
UTWCCORG UTILIQUEST 4 CHARTER COMM C	Information not provided	

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From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280541-08B
Date: Friday, July 19, 2019 7:55:51 AM

EXTERNAL EMAIL

EMLCFM 00445B USAS 07/19/19 07:55:48 A190280541-08B RNEW NORM POLY LREQ

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Ticket: A190280541 Rev: 08B Created: 07/19/19 07:55 User: DIRECT Chan: WEB

Work Start: 07/19/19 07:55 Legal Start: 07/19/19 07:55 Expires: 08/16/19
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=FBDmKcLhAn6l2u2-1

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]

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 REGIONAL OPERAT	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB TCC		800-655-8844

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From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280543-08B
Date: Friday, July 19, 2019 7:55:52 AM

EXTERNAL EMAIL

EMLCFM 00446B USAS 07/19/19 07:55:50 A190280543-08B RNEW NORM POLY LREQ

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Ticket: A190280543 Rev: 08B Created: 07/19/19 07:55 User: DIRECT Chan: WEB

Work Start: 07/19/19 07:55 Legal Start: 07/19/19 07:55 Expires: 08/16/19
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=7BBoEiFr4p9k3xB-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]

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 REGIONAL OPERAT	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC		800-655-8844

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From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket A190280551-08B
Date: Friday, July 19, 2019 7:55:54 AM

EXTERNAL EMAIL

EMLCFM 00448B USAS 07/19/19 07:55:52 A190280551-08B RNEW NORM POLY LREQ

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Ticket: A190280551 Rev: 08B Created: 07/19/19 07:55 User: DIRECT Chan: WEB

Work Start: 07/19/19 07:55 Legal Start: 07/19/19 07:55 Expires: 08/16/19
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=7BBoEiFr4p5mlzz-o

Comments:

RESENDUPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28]
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AM]

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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 REGIONAL OPERAT	844-780-6054
USCE03 UTILIQUEST 4 SCE-NO OR COAST	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB TCC		800-655-8844

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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.	<p>All construction equipment vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering Dale Ave.</p> <ol style="list-style-type: none"> 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	<p>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.</p> <p>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.</p>	

Attachment 22 – MECH-1 CBO Inspection Approvals

<Attachment 22 has been deliberately left blank in this reporting period>

End Report