

DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	228305
Document Title:	COM-6, SERC Monthly Compliance Report No. 2 (MCR) for March, 2019
Description:	COM-6, Monthly Compliance Report (MCR) for the Stanton Energy Reliability Center - Construction
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Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 2
Reporting Period: March 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC)
Submitted April 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		June 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		TBD
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 June 1, 2020; LM6000 July 1, 2020
Complete All Construction		April 28, 2020
TRANSMISSION LINE ACTIITIES		
Start Transmission Line Construction		July 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		June 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: March 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).

The site was visited by John Heiser and Paul Marshall from the CEC on March 14, 2019. Mr. Marshall witnessed the achievement of the maximum excavation depth at the ammonia sump excavation. In addition, a general site inspection was conducted, a SWPPP and safety inspection was conducted, and the CPM inspected the construction lighting in accordance with Condition of Certification VIS-3. As a result of the visit, a spill kit was relocated to the Dale Ave. parcel and the BMP at the storm drain inlet on Dale Ave. was re-instated.

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 March 2019.

Activity	Percent Complete
Engineering	
Power Island	98%
CBO Support	31%
BESS Design	0%
Procurement	
Owner Supplied Equipment	65%
Contractor Supplied Equipment	26.4%
Construction	2.9%
Power Island	2.9%
BESS	0%

1.1 Engineering

Through the month of March 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 CBO and CPM to review progress.

Additional weekly meetings are held with PEI, WCI and the CBO to review each discipline e.g. Electrical, Structural, Civil and Mechanical.

1.2 Procurement

The procurement of Owner Supplied Equipment (OSE) continues and is currently 65% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 26.4% complete.

1.3 Construction

Conducting Daily Pre-Job Briefings and Weekly all Hands Safety Meetings.

ARB continued excavation on Parcel 1, although progress was hampered due to rain, landfill closures, and some soil being too sandy for the landfill. With only 5 days of soil exports, a large stockpile was placed on the east end of Parcel 1 to allow excavation to proceed. As of March 29, 2019, a second disposal site was identified and approved by the CEC.

Work on the bridge abutments began in March and expect to be complete in time to receive bridge sections mid-April and complete the bridge.

Work began on the foundations of the Ammonia Storage Tank Sump to allow backfill of this deep excavation to allow work to progress on remaining foundations in that area.

Craft trades started using the Bethel church parking on March 11, 2019.

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

1.4 Explanation of Significant Changes to the Schedule

There have been no significant changes to the schedule during this reporting period.

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.

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

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-SC -1: During this reporting period Mike Malsy and Jon Kimble were proposed by SERC to the CPM as additional Air Quality Construction/Demolition Mitigation Manager (AQCMM) delegates.

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 41 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 142. Documentation of worker training records for the reporting period is included in Appendix D 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. The contractor began using the Bethel Church parking lot on March 11, and as such, a pre-construction nest survey was completed at the parking lot prior to the contractor's use of the lot. 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 approved proposed drainage structures and the grading plan has been approved by the CBO. The erosion and sedimentation control plan has been approved by the CBO. The construction Storm Water Pollution Prevention Plan (SWPPP) has been approved by the CBO. Additionally, the related calculations and specifications have been signed and stamped by the responsible civil engineer. Finally, soils, geotechnical or foundation investigations reports required by the 2016 CBC have been conducted and submitted to 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-11: There were no notices, warnings, citations or fines during this reporting period. There was a complaint received from Alan Rigg, the Director of Public Works for the City of Stanton on March 4th regarding track-out at Dale Ave. A compliance submittal was made to the CPM forwarding the complaint email from Mr. Rigg with a copy of SERC's response. An additional compliance filing was made to the CPM on including the Complaint Resolution Form (Attachment A of Compliance Conditions of Certification) and an email from Mr. Rigg acknowledging SERC's corrective actions.

CUL-1: SERC provided the CPM with the resume for an Alternate CRS (Dan Woodward). The Alternate CRS was approved by the CPM.

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 resources reports being submitted to the CPM and in the monthly Cultural Resources Report

included as Attachment 6 of this MCR. Appendix A Forms DPR-523 have been submitted separately under a request for confidentiality.

CUL-5: During the reporting period 41 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 142. 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.

During this reporting period the contractor made a small excavation that was done without having monitors witness the work. The CEC was informed of the non-compliance activity as required in CUL-6 Verification #4 and the associated 5 workers repeated the WEAP training at the request of CEC Cultural Staff as required in CUL-5.

In addition, 5 workers repeated the WEAP training at the request of CEC Cultural Staff in response to a small excavation that was done without having monitors witness the work.

CUL-7: One (1) cultural resource discovery was made during the reporting period. DPR forms were filled out by the CRS. Work was stopped within a 50-foot radius and the CPM was immediately notified. Upon conferring with CEC Cultural Resources staff and some back and forth between staff and the CRS, it was ultimately determined that the discovery could be treated prescriptively as specified in the CRMMP.

CUL – 8: Due to the sand content of the soil being excavated on the Dale parcel exceeding 30%, the soil was rejected by the Olinda Alpha Landfill. SERC, working with its contractor, identified an Alternate Disposal Site and made the requisite filing as required by Condition of Certification CUL-8 with the CPM. Additionally, the Alternate CRS, Dan Woodward, conducted a survey of the Alternate Disposal Site. The site was approved for use by the CPM.

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

HAZ-4: The 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 were sent to the CPM for review and approval.

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

GEN-3: Proof of payment to the CBO 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-8: There were no final inspections during this reporting period as described in GEN-8 (Attachment 13).

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 41 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 142. 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-2: During this reporting period revisions (March 2019 Rev) to the Water Quality Management Plan (WQMP) were submitted to the CPM and CBO.

Soil & Water-4: The monthly water use for SERC during the reporting period was 8,729 CF. Daily water usage is provided within Attachment 14.

SOIL & WATER-5: Updated Golden State Water meter information was provided to the CPM during this reporting period making a correction to the February submittal.

STRUC-1: Documentation of CBO approval of structural plans, specifications, and calculations during the reporting period is included in Attachment 16.

TLSN-1: The requisite letter signed by a California registered electrical engineer affirming that the underground transmission line will be constructed according to the requirements within this Condition of Certification was drafted by Southern California Edison and submitted to the CPM. A copy of the letter was also submitted to the CBO for reference.

TRANS-1: Documentation that required permits were obtained during the reporting period to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing and truck routes is included in Attachment 17.

TRANS-2: The request made by SERC to revise the Traffic Control Plan to allow for up to 120 trucks per day to arrive and leave the Dale Ave. parcel to accommodate ARB's excavation schedule was approved by the City of Stanton and the CPM during this reporting period.

TRANS-8: The Pilot Notification Awareness letters to the FAA, the Los Alamitos Army Airfield and the Fullerton Municipal Airport were drafted and sent to the CPM for approval. Upon approval by the CPM the letters were mailed, and SERC is awaiting comments.

VIS-1: The proposed surface treatment plan was submitted to the CPM and the City of Stanton for review and approval. The plan was approved by both the CPM and the City of Stanton. The plan was also submitted to the CBO for reference.

VIS-3: ARB began using construction lighting at night as an enhancement to site security. The CPM was notified in accordance with this Condition of Certification and performed an inspection during the CPM's site visit on March 14, 2019.

WASTE-4: During this reporting period only three (3) dumpsters of construction 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.

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 Pilot Notification and Awareness letters required by Condition of Certification TRANS-8 were submitted to the FAA, the Los Alamitos Army Airfield and the Fullerton Municipal Airport. Copies of these letters can be found 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 March 2019. There was one complaint received from the City of Stanton regarding

track-out at the Dale Ave parcel. The complaint and the response are discussed above under COM 11, a summary can be found in Attachment 22.

Attachment 1 – COM-6 Project Schedule

SERC Baseline Project Master Schedule (w/ARB BL Sched)				WBS Summary				09-Apr-19 11:13																	
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2019								2020									
								Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
SERC Baseline Project Master Schedule (w/ARB BL Sc																									
LM6000 RAPA Key Milestone																									
2	Expected Initial Delivery Date	0	0%		01-Jul-20*	0	0																		
Storage RAPA Key Milestone																									
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	18	0																		
GIA Key Milestones																									
6	In-Service Date (Initial Backfeed - Liquidated Damage	0	0%		01-Feb-20*	121	0																		
7	Initial Synchronization Date/Trial Operation (No Later`	0	0%		02-Mar-20*	69	0																		
8	Commercial Operation Date (No Later Than)	0	0%		01-Apr-20*	51	0																		
Pre-construction Activities																									
CEC Permitting																									
12	Presiding Members Proposed Decision (PMPD) issue	1	100%	08-Oct-18 A	08-Oct-18 A		0																		
13	Full Commission Decision for Approval	0	100%	13-Nov-18 A			0																		
14	Post-Approval 30-day appeal period	30	100%	13-Nov-18 A	13-Dec-18 A		0																		
15	CEC Decision Final (non-appealable)	0	100%		13-Dec-18 A		0																		
11	Application for Certification	782	100%	26-Oct-16 A	17-Dec-18 A		0																		
Pre-Construction Compliance (CEC)																									
SCAQMD Air Permit																									
22	SCAQMD Authority To Construct (ATC) issued	0	100%	15-Nov-18 A			0																		
Engineering																									
24	"Issued For Bid" Engineering Package for Contractor Pricing refresh	174	100%	31-Oct-18 A	31-Oct-18 A		0																		
25	Further Develop Engineering to Signed and Stamped Plan Set	575	100%	31-Oct-18 A	17-Dec-18 A		0																		
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0																		
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0																		
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-19 A		0																		
29	Assemble Engineering into CBO submittal packages	148	42.57%	11-Dec-18 A	29-Aug-19*	169	0																		
Real Properties or Land Control																									
31	Valov Lease Agreement Executed	0	100%		06-Aug-18 A		0																		
33	Water Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																		
34	Sewer Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																		

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Milestone

Page 1 of 3

TASK filter: Not Level Of Effort.

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SERC Baseline Project Master Schedule (w/ARB BL Sched)				WBS Summary				09-Apr-19 11:13																			
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2019								2020											
								Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
35	Orange County Public Works (OCPW) Encroachment Agreement	4	100%	03-Dec-18 A	01-Feb-19 A		0																				
32	SCE Easement Consent	81	100%	31-Dec-18 A	25-Feb-19 A		0																				
Owner Supplied Equipment (OSE) Procurement Schedule		342	58.09%	08-Feb-18 A	11-Oct-19	145	0																				
LM6000 Packages		190	53.65%	22-Feb-18 A	01-Aug-19	185	0																				
Emissions Reduction Unit (ERU)		340	57.92%	08-Feb-18 A	11-Oct-19	145	0																				
Generator Step-Up Transformer (GSU)		194	100%	29-Jun-18 A	31-May-19	220	0																				
Vehicle Bridge		47	100%	01-Nov-18 A	22-Mar-19 A		0																				
Balance Of Plant OSE		119	100%	01-Jul-18 A	01-Apr-19	254	0																				
Construction Contracting		97	100%	03-Sep-18 A	24-Jan-19 A		0																				
81	Receive Initial Bids from Construction Contractors	0	100%	03-Sep-18 A			0																				
82	Review Initial Bids	30	100%	04-Sep-18 A	04-Oct-18 A		0																				
84	Achieve Commercial Lockdown	0	100%		26-Nov-18 A		0																				
83	Short list two construction contractors and negotiate draft contracts	28	100%	04-Oct-18 A	26-Nov-18 A		0																				
85	Contractor Pricing Refresh	18	100%	26-Nov-18 A	14-Dec-18 A		0																				
86	Final Bids Turned In	0	100%		14-Dec-18 A		0																				
87	Review Final Bids / Select Contractor	2	100%	14-Dec-18 A	20-Dec-18 A		0																				
88	Execute Construction Contract	0	100%		21-Dec-18 A		0																				
89	Make executed construction contract available in the SERC due diligence data room	0	100%		21-Dec-18 A		0																				
90	Provide Notice To Proceed to Contractor	0	100%		24-Jan-19 A		0																				
Project Finance		176	100%	16-Oct-18 A	24-Jan-19 A		0																				
CEC Compliance		217	17.34%	19-Dec-18 A	19-Feb-20	75	0																				
CBO Activity		217	17.34%	19-Dec-18 A	19-Feb-20	75	0																				
98	CBO Contract Execution	0	100%	19-Dec-18 A			0																				
99	CBO Kick off Meeting	0	100%		19-Dec-18 A		0																				
CBO performance of duties		217	17.34%	26-Dec-18 A	19-Feb-20	75	0																				
101	Review and approve Pre-construction submittal	1	100%	26-Dec-18 A	27-Dec-18 A		0																				
103	Perform Plan Check of Submittals	148	31.08%	27-Dec-18 A	30-Sep-19	152	0																				
102	Inspector On Site	390	16.67%	04-Feb-19 A	19-Feb-20	133	0																				
LM6000 Construction Schedule		270	28.4%	09-Nov-18 A	13-Mar-20	61	0																				
Stanton Energy Reliability Center - Baseline Schedule		270	28.4%	09-Nov-18 A	13-Mar-20	61	0																				
Milestones		270	46.45%	09-Nov-18 A	13-Mar-20	61	0																				
<div><div></div> Remaining Level of Effort</div> <div><div></div> Actual Work</div> <div><div></div> Critical Remaining Work</div> <div><div></div> Actual Level of Effort</div> <div><div></div> Remaining Work</div> <div><div></div> Milestone</div> <div><div></div> Milestone</div>				Page 2 of 3				TASK filter: Not Level Of Effort.																© Oracle Corporation			

SERC Baseline Project Master Schedule (w/ARB BL Sched)				WBS Summary				09-Apr-19 11:13																			
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2019												2020							
								Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
	Contract Milestones	270	81.36%	09-Nov-18 A	13-Mar-20	61	0										◆										
	Project Milestones	195	47.54%	14-Jan-19 A	30-Dec-19	53	0										◆										
	Construction	215	18.59%	22-Jan-19 A	11-Feb-20	79	1																				
	Mobilization	18	100%	22-Jan-19 A	22-Feb-19 A		0																				
	Site Preparation	31	100%	05-Feb-19 A	29-Mar-19 A		0																				
	Vehicle Bridge	64	48.75%	05-Feb-19 A	28-May-19	63	-22																				
	UG Electrical	93	25.05%	19-Feb-19 A	01-Aug-19	71	-1																				
	UG Piping	89	19.82%	28-Feb-19 A	05-Aug-19	60	0																				
	Foundations	132	20%	13-Feb-19 A	04-Oct-19	38	0																				
	U2 Equipment Installation	123	0%	23-Apr-19	02-Dec-19	7	0																				
	U1 Equipment Installation	125	0%	26-Apr-19	10-Dec-19	3	0																				
	BOP Equipment Installation	160	0.5%	26-Apr-19	11-Feb-20	79	1																				
	Structural Steel	77	2.08%	28-Mar-19 A	12-Aug-19	51	-5																				
	AG Piping	118	0%	01-Apr-19	25-Oct-19	14	0																				
	Pre-Commissioning	62	0%	02-Aug-19	20-Nov-19	4	0																				
	Commissioning	70	0%	09-Aug-19	14-Dec-19	0	0																				
	Demobilization	8	0%	16-Dec-19	30-Dec-19	53	0																				
	BESS Construction Schedule	83	0%	02-Dec-19	28-Apr-20	36	0																				

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

◆

 Milestone

◆

 Milestone

Page 3 of 3

TASK filter: Not Level Of Effort.

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Attachment 2 – COM-5 Compliance Matrix

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U	V
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																		
2	All Phases																		
3																			
4				Version 3/11/2019		Based on Final Staff Assessment													
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date											
									Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
6	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.		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)	on going		Not Started							SERC	DSR	
7	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)	on going		Not Started							SERC	DSR	
8	AQ	AQ-A3	COM/OPS	2.5 PPMV NOx Limit Averging -The 2.5 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.	This limit shall not apply to turbine commissioning, startup, and shutdown periods.	Emissions data in Quarterly Operation Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	on going		Not Started							SERC	DSR	
9	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)	on going		Not Started							SERC	DSR	
10	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)	on going		Not Started							SERC	DSR	
11	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)	on going		Not Started							SERC	DSR	
12	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)	on going		Not Started							SERC	DSR	
13	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 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)	on going		Not Started							SERC	DSR	

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U	V
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	AQ	AQ-B1	COM/OPS	H ₂ S Limit Averaging - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation.	The project owner shall 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)	on going		Not Started							SERC	DSR	
14																			
	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)	on going		Not Started							SERC	DSR	
15																			
	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)	on going		Not Started							SERC	DSR	
16																			
	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)	on going		Not Started							SERC	DSR	
17																			
	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.	TBD		Not Started							SERC	DSR	
18																			
	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.	TBD		Not Started							SERC	DSR	
19																			
	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	TBD		Not Started							SERC	DSR	
20																			
	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	TBD		Not Started							SERC	DSR	
21																			
	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.	TBD		Not Started							SERC	DSR	
22																			
	AQ	AQ-D3a	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH ₃ 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	TBD		Not Started							SERC	DSR	
23																			

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24	AQ	AQ-D3b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH ₃ 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	TBD		Not Started							SERC	DSR	
25	AQ	AQ-D3c	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH ₃ 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.	TBD		Not Started							SERC	DSR	
26	AQ	AQ-D3d	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH ₃ 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.	on going		Not Started							SERC	DSR	
27	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.	TBD		Not Started							SERC	DSR	
28	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.	TBD		Not Started							SERC	DSR	
29	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.	TBD		Not Started							SERC	DSR	
30	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.	TBD		Not Started							SERC	DSR	
31	AQ	AQ-D6a	COM/OPS	Meter for NH₃ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₃). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate NH3 Meter	Prior to first fire	12/14/2019		Not Started							SERC	DSR	
32	AQ	AQ-D6b	COM/OPS	Meter for NH₃ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₃). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Documentation demonstrating compliance in Quarterly Operations Report, including table of shutdowns	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	on going		Not Started							SERC	DSR	
33	AQ	AQ-D6c	COM/OPS	Meter for NH₃ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₃). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate NH3 Meter	Once every 12 months	on going		Not Started							SERC	DSR	

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U	V
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34	AQ	AQ-D7a	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	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	12/14/2019		Not Started							SERC	DSR	
35	AQ	AQ-D7b	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	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)	on going		Not Started							SERC	DSR	
36	AQ	AQ-D7b	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	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	on going		Not Started							SERC	DSR	
37	AQ	AQ-D8a	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	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	12/14/2019		Not Started							SERC	DSR	
38	AQ	AQ-D8b	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	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)	on going		Not Started							SERC	DSR	
39	AQ	AQ-D8c	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	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	on going		Not Started							SERC	DSR	
40	AQ	AQ-E1	CONS	The project owner shall upon completion of construction, operate and maintain this equipment according to the following requirements: In accordance with all air quality mitigation measures stipulated in the final California Energy Commission decision for the 16-AFC-01 project. [CA PRC CEQA, 5-12-2017] [Devices subject to this condition: D1, C3, C4, D7, C9, C10, D13]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	make the site available for inspection	on going	on going		Not Started							SERC	DSR	

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3																			
4				Version 3/11/2019		Based on Final Staff Assessment													
	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
5																			
	AQ	AQ-E2	CONS	Permit to Construct - The Permit to Construct shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the District Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate.	Owner to make site available for inspection of records by District, ARB, US EPA, and the Commission.	representatives of the District, ARB, U.S. EPA and the Energy Commission.	NA	conditional		Not Started							SERC	DSR	
41																			
	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, US 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	on going		Not Started							SERC	DSR	
42																			
	AQ	AQ-E4	COM/OPS	CO ₂ Emission Limit - 120 lbs/MMBTu CO ₂ emission limit for non-base load turbines shall apply. Compliance with the 120 lbs/MMBTu CO ₂ emission limit shall be determined on a 12-operating-month rolling average basis.	Submit all emissions and emission calculationsk to demonstrate compliance to the CPM for approval.	Submit all emissions and emission calculations as part of the 4th Quarterly Operational Report (AQ-SC7).		on going		Not Started							SERC	DSR	
43																			
	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.			on going		Not Started							SERC	DSR	
44																			
	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 Commission.	NA	Design and operation	conditional		Not Started							SERC	DSR	
45																			
	AQ	AQ-H1	COM/OPS	NOx CEMS Performance Evaluation - Initial performance test of the turbine to demonstrate compliance of §60.4380, and §	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	6/11/2020		Not Started							SERC	DSR	
46																			
	AQ	AQ-H2	COM/OPS	Nox CEMS requirements - The Nox CEMS shall comply with the requirements of conditions D82.2 (AQD5), H23.1 (AQ-H1), and H23.2 (AQ-H2).	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.			On Going		Not Started							SERC	DSR	
47																			
	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.			On Going		Not Started							SERC	DSR	
48																			
	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.			On going		Not Started							SERC	DSR	
49																			
	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	TBD		Not Started							SERC	DSR	
50																			

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51	AQ	AQ-K2	CONS/COM/OPS	The project owner shall keep records, in a manner approved by the district, for the following parameter(s) or item(s): For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings. For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings. [RULE 3004(a)(4) - Periodic Monitoring, 12-12-1997] [Devices subject to this 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	on going	on going		Not Started							SERC	TLB	
54	AQ	AQ-SC3	CONS	Air Quality Fugitive Dust MCR - The AQCOMM 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	On going		In Progress							SERC	GAL	
55	AQ	AQ-SC4	CONS	AQ Dust Plume Monitoring - The AQCOMM 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 AQCOMM or delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes are observed and shall include a section in the AQCMP detailing how the additional mitigation measures will be accomplished within the time limits specified: (See Decision AQ-SC4 for Steps 1 through 3 for dust plume response)	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly	On going		In Progress							SERC	GAL	
56	AQ	AQ-SC5	CONS	AQ Construction Mitigation Report - The AQCOMM 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 AQCOMM to verify compliance with this condition.	MCR	Monthly	On going		In Progress							SERC	GAL	

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U	V
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																		
2	All Phases																		
3																			
4				Version 3/11/2019		Based on Final Staff Assessment													
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date											
									Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
57	AQ	AQ-SC6a	CONS/COM/OPS	Air Permit Modifications - The project owner shall provide the CPM copies of any District-issued project air permit for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	Submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	Air permit modifications (if needed)	Within 5 working days of proposing permit modification.	conditional		Conditional							SERC	GAL	
58	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		Conditional							SERC	GAL	
59	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)	on going		Not Started							SERC	DSR	
61	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		Conditional							JACOBS	GAL	
62	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	On going		In Progress							SERC	GAL	
63	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	on going		In Progress							SERC	GAL	
65	BIO	BIO-3b	CONS/COM/OPS	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	If Additional BMs are needed during construction	Approval from CPM at least 10 days prior to their first day of monitoring activities.	conditional		Conditional							JACOBS	GAL	

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66	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		Conditional							JACOBS	GAL	
67	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		Conditional							SERC	GAL	
70	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	11/28/2020		In Progress							ARB	GAL	
71	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	On going		In Progress							ARB	GAL	
72	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							SERC	DSR	
74	BIO	BIO-6b	PC/CONS/OPS	Additional Permits (BRMIMP) - See BIO-6a If additional permits are received after the BRMIMP is first submitted, provide these to the CPM and submit a revised BRMIMP.	Submit permits not received before the draft BRMIMP is submitted to the CPM. Revised and re-submit the BRMIMP to include discussion of such permits.	Revised BRMIMP	Submit copies to CPM with 5 days of receipt. Provide revised BRMIMP within 10 days of permit receipt	conditional		Conditional							JACOBS	GAL	

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75		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 BRMMIP	Notify CPM no less than 5 working days before implementing the modificaitons	conditional		Conditional							SERC	GAL	
76		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	On going		In Progress							SERC	GAL	
77		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	TBD		Not Started							JACOBS	GAL	
78		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	On going		In Progress							SERC	GAL	
79		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.	TBD		Not Started							JACOBS	GAL	
80		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	1/22/2019	In Progress				CDFW, USFWS	22-Jan-19		JACOBS	GAL	

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93	CIVIL	CIVIL-2a	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions.	Submit modified plans, specifications, and calculations to CBO	when unforeseen adverse soil or geologic conditions are identified by RE	conditional		Conditional							SERC	GAL	
94	CIVIL	CIVIL-2b	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 hours when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	conditional		Conditional							SERC	GAL	
95	CIVIL	CIVIL-2c	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval	Copy of CBO's approval letter to CPM	Within 24 hours of the CBO's approval to resume work	conditional		Conditional							SERC	GAL	
96	CIVIL	CIVIL-3a	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CBO and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	conditional		Conditional							SERC	TLB/TAT	
97	CIVIL	CIVIL-3b	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CPM and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	conditional		Conditional							SERC	TLB/TAT	

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98	CIVIL	CIVIL-3c	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO	Project owner shall submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	conditional		Conditional							SERC	TLB/TAT	
99	CIVIL	CIVIL-3d	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CPM	Project owner shall submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	conditional		Conditional							SERC	TLB/TAT	
100	CIVIL	CIVIL-3e	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	A list of NCRs for the reporting month shall also be included in the following monthly compliance report.	MCR	Monthly	On going		In Progress							SERC	TLB	
101	CIVIL	CIVIL-4a	CONS	Final Grading Plan Approval - After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Final grading and drainage plans with engineer's signed statement (See Decision wording).	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work (or CBO-approved alternative time frame)	On going		In Progress							POWER	TAT	
102	CIVIL	CIVIL-4b	CONS	Final Grading Plan Approval - After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Project owner shall submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	Monthly Compliance Report	9/14/2018	Completed	10/19/2018						SERC	GAL	
103	COM	COM-1	CONS/COM/OPS	Unrestricted Access -The project owner shall take all steps necessary to ensure that the CPM, responsible Energy Commission staff, and delegate agencies or consultants, have unrestricted access to the facility site, related facilities, project-related staff, and the records maintained on-site for the purpose of conducting audits, surveys, inspections, or general or closure-related site visits.	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time, whether such visits are by the CPM in person or through representatives from Energy Commission staff, delegated agencies, or consultants.	NA	Life of the project	conditional		In Progress							SERC	TLB	

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104	COM	COM-2	PC/CONS/COM/OPS	Compliance Record - The project owner shall maintain electronic copies of all project files and submittals on-site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final Decision; Petitions, Amendments and Energy Commission Orders; environmental impact and survey documentation; appraisals, assessments and studies; original and amended structural plans and "as-built" drawings; citations, warnings, violations and corrective actions; required plans, manuals, and training documentation.	NA	Life of the project	on going		In Progress							SERC	TLB	
105	COM	COM-3	PC/CONS/COM/OPS	Compliance Verification Submittals - Verification lead times associated with the start of construction may require the project owner to file submittals during AFC or amendment processing, particularly if construction is planned to commence shortly after certification. The verification procedures, unlike the conditions, may be modified as necessary by the CPM after notice to the project owner.	A cover letter from the project owner or an authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters. (See Decision COM-3 for additional specifications).	Verification submittals	Life of the project	on going		In Progress							SERC	GAL	
108	COM	COM-5	PC/CONS/OPS	Compliance Matrix - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with MCR and ACR	Monthly with MCR and annually with ACR	On going		In Progress							SERC	GAL	
109	COM	COM-6	PC/CONS	Monthly Compliance Report - The first MCR is due one month following the docketing of the project's Decision unless otherwise agreed to by the CPM. (See Decision COM-6 for specifications).	During pre-construction, construction, or closure, the project owner or authorized agent shall submit an electronic searchable version of the MCR to the CPM. MCRs shall be submitted each month until construction is complete and the final certificate of occupancy is issued by the DCBO.	MCR	Monthly, within 10 business days after the end of each reporting month.	On going		In Progress							SERC	GAL	
110	COM	COM-7	CONS/COM/OPS	Annual Compliance Report - After construction is complete, the project must submit searchable electronic ACRs to the CPM, as well as other periodic compliance reports (PCRs) required by the various technical disciplines. ACRs shall be completed for each year of commercial operation and are due each year on a date agreed to by the CPM. Other PCRs (e.g. quarterly reports or decommissioning reports to monitor closure compliance), may be specified by the CPM. The searchable electronic copies may be filed on an electronic storage medium or by e-mail, subject to CPM approval. Each ACR must include the AFC number, identify the reporting period, and contain the following: Include all 10 items from the COC	After construction is complete, submit annual compliance reports (ACR) and periodic compliance reports (PCR)	Submit searchable electronic ACR to CPM, submit PCRs required by the various technical disciplines	After construction is complete	On going		Not started							SERC	DSR	
111	COM	COM-8	PC/CONS/COM/OPS	Confidential Information - Any information that the project owner designates as confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality, pursuant to Title 20, California Code of Regulations, section 2505(a).	Any information deemed confidential pursuant to the regulations will remain undisclosed, as provided in Title 20, California Code of Regulations, section 2501 et seq.	Request for confidentiality	Life of the project	On going		In Progress							SERC	SAG	

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1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																			
2	All Phases																			
3																				
4				Version 3/11/2019		Based on Final Staff Assessment														
	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person	
5		COM	COM-9	PC/CONS/C OM/OPS	Annual Energy Facility Compliance Fee - Pursuant to the provisions of section 25806(b) of the Public Resources Code, the project owner is required to pay an annually adjusted compliance fee.	The initial payment is due on the date the Energy Commission docketts its Final Decision. All subsequent payments are due by July 1 of each year in which the facility retains its certification.	Annual Compliance Fee: See http://www.energy.ca.gov/siting/filing_fees.html	Annually, July 1	On going	11/8/2018	In Progress	11/9/2018						SERC	GAL	JM/RRF
112		COM	COM-10	PC/CONS/C OM/OPS	Amendments, Staff-Approved Project Modifications, Ownership Changes, and Verification Changes - The project owner shall petition the Energy Commission, pursuant to Title 20, California Code of Regulations, section 1769, to modify the design, operation, or performance requirements of the project or linear facilities, or to transfer ownership or operational control of the facility. The CPM will determine whether staff approval will be sufficient, or whether Commission approval will be necessary. It is the project owner's responsibility to contact the CPM to determine if a proposed project change triggers the requirements of section 1769. Section 1769 details the required contents for a Petition to Amend an Energy Commission Decision. The only change that can be requested by means of a letter to the CPM is a request to change the verification method of a condition of certification.	A project owner is required to submit a \$5,000 dollar fee for every petition to amend a previously certified facility, pursuant to Public Resources Code section 25806(e). If the actual amendment processing costs exceed \$5,000.00, the total Petition to Amend reimbursement fees owed by a project owner will not exceed \$830,336, adjusted annually. Current amendment fee information is available on the Energy Commission's website at http://www.energy.ca.gov/siting/filing_fees.html.	Petition to amend, fees	Life of the project	conditional		Conditional							SERC	PZC	
113		COM	COM-11	PC/CONS/C OM/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 information to the CPM and promptly report any disruption to the contact system or telephone number change to the CPM, who will provide it to any persons contacting him or her with a complaint.	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	
114		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	
115		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	4/2/2020		Not Started							SERC	DSR	
116		COM	COM-13a	CONS/COM/OPS	Incident-Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See Decision COM-13 for incident types that apply).	In case of forced outage, fire suppression; chemical, gas, or hazmat release; odorous material release; emergency response incident.	Detailed Incident Report	Within 6 business days of the incident	conditional		Conditional							SERC	GAL	TLB
117		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 submit a monthly status report to the CPM.	Monthly Status Report	Monthly	conditional		Conditional							SERC	GAL	TLB
118		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 submit a monthly status report to the CPM.	Monthly Status Report	Monthly	conditional		Conditional							SERC	GAL	TLB

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									Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
136	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	
139	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	
140	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)	TBD		Not Started							JACOBS	GAL	
141	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)	TBD		Not Started							JACOBS	GAL	
142	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	
145	CUL	CUL-5c	CONS/COM/OPS	WEAP Training Records in MCR - See Condition CUL-5a	Provide in the MCR the WEAP Training Acknowledgement forms of the workers who have comleted training in the prior month.	Training Acknowledgement forms for prior month in MCR and running total of all persons who have completed the training.	Monthly until ground disturbance is completed	monthly		In Progress							SERC	GAL	
148	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	

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149	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	
150	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	
151	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	
152	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	
153	CUL	CUL-6h	CONS/COM	Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Monthly, while monitoring occurs	monthly		In Progress							JACOBS	GAL	
154	CUL	CUL-6i	CONS/COM	Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Weekly, while monitoring occurs	weekly		In Progress							SERC	GAL	
155	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	
156	CUL	CUL-6k	CONS/COM	Cultural Resources Monitoring, Change in Monitoring Level - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for a change in the monitoring level.	Letter or e-mail with justification for changing the monitoring level	At least 24 hours prior to implementing a proposed change in monitoring level	conditional		Conditional							JACOBS	GAL	
157	CUL	CUL-6l	CONS/COM	Cultural Resources Monitoring, Change in Daily Reporting - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Letter or e-mail with justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	conditional		Conditional							JACOBS	GAL	

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158	CUL	CUL-6m	CONS/COM	Cultural Resources Monitoring, Comments of Native Americans - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of comments or information provided by Native Americans	Within 15 days of receiving comments from Native Americans	conditional	2/5/2019, 2/15/2019	Conditional	N/A						JACOBS	GAL	
160	CUL	CUL-7b	CONS/COM	DPR-523 Forms (See Decision CUL-7 for specifications).	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.	Forms DPR 523	No later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	conditional		Conditional							JACOBS	GAL	
161	CUL	CUL-7c	CONS/COM	Inform Native American Groups (See Decision CUL-7 for specifications).	The project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of a discovery of interest to Native Americans, and the CRS must inform the CPM when the notifications are complete.	Letter to Native Americans and notification to CPM when notifications are complete	Within 48 hours of the discovery of a resource of interest to Native Americans	conditional		Conditional							JACOBS	GAL	
162	CUL	CUL-7d	CONS/COM	Provide Reports and Records to Native American Groups (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	Copies of transmittal letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	conditional		Conditional							JACOBS	GAL	
163	CUL	CUL-7e	CONS/COM	Comments or Information Provided by Native Americans (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of Native American comments and information in response to owner transmittals of information.	Within 15 days of receiving comments from Native Americans	conditional		Conditional							JACOBS	GAL	
164	CUL	CUL-8a	CONS	Fill Soils, Borrow or Fill Site Documentation - If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are provided to and approved by the CPM, the CRS shall survey the borrow or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, the project owner must either select another borrow or disposal site or implement CUL-7 prior to any use of the site. The CRS shall report on the methods and results of these surveys in the final CRR.	The owner shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Approved	3/29/2018						JACOBS	GAL	

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165	CUL	CUL-8b	CONS	Fill Soils, Cultural Resources Survey - In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non-commercial borrow/ disposal site	3/29/2019	3/29/2019	Approved	3/29/2019						JACOBS	GAL	
166	ELEC	ELEC-1a	CONS	Electrical Systems Design Plans and Specifications - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See Decision ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Design plans, specifications, and calculations and compliance statement to CBO with copy to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	TBD		In Progress		1-1.0: 1/23/19 1-2.0: 2/4/2019 1-3.0: 1/23/19 1-4.0: 1/29/19 1-5.0: 3/4/19 1-6.0: 3/22/19 1-7.0: 3/6/19 1-10.0: 3/29/19	1-1.0: PC 1 conditionally approved 2/5/19 1-3.0: 2/6/2019 1-4.0: 2/8/19 1-2.0: 2/15/19 1-5.0: 3/14/19 1-7.0: 3/20/19 1-10.0				SERC	TAT	
167	ELEC	ELEC-1b	CONS/COM	Electrical Systems Design Plans and Specifications - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See Decision ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Monthly Compliance Report, Include: receipt or delay of major equipment, testing or energizing of major electrical equipment, and signed statement by registered electrical engineer certifying that the proposed final desing plans and specifications conform to requirements set forth by CEC decision	Monthly	monthly		In Progress							SERC	GAL	
168	GEN	GEN-1a	CONS/COM	Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	Statement of verification signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	TBD		Not started							POWER	TAT	

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169	GEN	GEN-1b	CONS/COM	Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	A copy of the Certificate of Occupancy to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	TBD		Not Started							SERC	GAL	
170	GEN	GEN-1c	OPS	Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	Once certificate of occupancy has been issued, the project owner shall inform the CPM at least 30 dyas prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	Notice of construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Within 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	TBD		Not Started							SERC	DSR	
172	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							SERC	GAL	

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U	V
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2	All Phases																		
3																			
4				Version 3/11/2019		Based on Final Staff Assessment													
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
173	GEN	GEN-3a	PC/CONS/C 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							SERC	RRF/IJ	TLB
174	GEN	GEN-3b	PC/CONS/C 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.	Copy of CBO's Receipt of Payment with the MCR	Monthly	monthly		In Progress							SERC	GAL	
176	GEN	GEN-4b	PC/CONS	Approval of RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	12/8/2018	1/18/2019	Completed	NA						SERC	TAT	
177	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	NA	2/6/2019	2/12/2019				SERC	TAT	
178	GEN	GEN-4d	PC/CONS	Notification of Newly Assigned RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	conditional	2/6/2019	Conditional	NA						SERC	GAL	
183	GEN	GEN-5e	CONS	Reassignment of Designated Engineer - See GEN-5a	Notify the CPM and CBO if a designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re-assignment	conditional		Conditional							SERC	GAL/TAT	
184	GEN	GEN-5f	CONS	Approval of Replacement Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	conditional		Conditional							SERC	GAL	
185	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	TBD		Not Started		PC1: 1/16/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB	

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		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							ARB	TLB	
186		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							ARB	TLB	
187		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	
188		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	TAT
189																				
		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	TAT
190																				
		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	on going		In Progress							SERC	GAL	TAT
191																				
		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	After storage is in place	TBD		Not started							SERC	GAL	TAT
192																				
		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	Within 90 days of the completion of construction	TBD		Not started							SERC	TAT	
193																				
		HAZ	HAZ-1	OPS	Hazardous Materials Management - The project owner shall not use any hazardous materials not listed in Appendix B, below, or in greater quantities or strenghts than those identified by chemical name in	The project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous Materials Business	Submit Hazardous Materials Business Plan in the Annual Compliance Report.		12/31/2020		Not started							SERC	DSR	
196																				
		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	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	Final HMBP and SPCC to CPM	At least 30 days before receiving hazardous materials on site	TBD		Not started							SERC	DSR	
197																				
		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	Final RMP to Certified Unified Program Agency	At least 30 days before aqueous ammonia on site	TBD		Not started							SERC	DSR	
198																				

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199	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	Final RMP to CPM	At least 30 days before aqueous ammonia on site	TBD		Not started							SERC	DSR	
200	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	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	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	TBD		Not started							SERC	DSR	
201	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	3/15/2019	3/15/2019	Pending	Pending	3/14/2019					POWER	GAL	TAT
202	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	TBD		Not Started							SERC	GAL	DSR
203	HAZ	HAZ-6a	CONS	HazMat Transport Route Restrictions - Prior to initial delivery, the project owner shall direct vendors delivering bulk quantities (>800 gallons per delivery) of	The project owner shall submit a copy of the letter containing the route restriction directions that	Copy of the letter containing route restriction directions	At least 60 days prior to initial receipt of bulk quantities (>800	TBD		Not started							SERC	GAL	DSR
204	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	Copy of the letter containing route restriction directions for the new hazardous materials	At least 10 days prior to a new vendor delivery of bulk quantities (>800 gallons per delivery)	TBD		Not Started							SERC	GAL	DSR
206	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	TBD		Not Started							SERC	GAL	DSR

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207	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	LS
208	HAZ	HAZ-9	CONS/OPS	Fuel Gas Pipe Cleaning - The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve “flammable gas blows” where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging, shall be used as per the latest edition of NFPA 56, Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA 56, section 4.4.1.	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NFPA 56, section 4.4.1) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	TBD		Not started							SERC	DSR	
209	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	TBD		In Progress		1.1 PC1: 2/8/2019 1.2: 2/8/19 1.3: 2/11/19 1.4: 3/1/19	1.1 : 2/26/19 1.2: 2/27/19 conditional 1.3: 2/127/19 conditional 1.4: 3/11/19 conditional				Power	TAT	

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210	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: 2/8/19				SERC	GAL	TAT
211	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				SERC	GAL	TAT
212	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	TBD		Not Started			1.4: 3/1/19				Power	TAT	
213	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	TAT
214	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	TAT
215	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	TBD		Not started							SERC	JBM	TAT

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216	MECH	MECH-3b	PC/CONS	HVAC Plans - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See Decision MECH-3 for additional specifications).	The project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	Calculations, plans, and specification, and statement of compliance to CPM	At least 30 days (or project owner- and SPM-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	TBD		Not started							SERC	JBM	TAT
219	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	conditional		Conditional							SERC	GAL	
220	NOISE	NOISE-2b	CONS/COM/OPS	Noise Complaint Resolution - See NOISE-2a	If mitigation is required to resolve the complaint, and the complaint is not resolved within three business days, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Updated Noise Resolution Complaint Form	When the mitigation is implemented	conditional		Conditional							SERC	GAL	
222	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	TBD		Not Started							Innova	DSR	
223	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	TBD		Not Started							Innova	DSR	
224	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	TBD		Not Started							Innova	DSR	
225	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	TBD		Not Started							Innova	DSR	

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2	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																			
3	All Phases																			
4				Version 3/11/2019		Based on Final Staff Assessment														
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227		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							SERC	GAF	
228		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							JACOBS	GAL	TAT
231		PAL	PAL-1c	PC/CONS	Certify additional PRMs (See PAL-1)	PRS shall provide additional letters and resumes to the CPM if needed.	PRM Resumes & Quals	No later than one week before beginning site duties.	conditional		Conditional							JACOBS	GAL	
232		PAL	PAL-1d	PC/CONS	Replacement PRS (See PAL-1)	Prior to any change of the PRS, project owner shall submit resume of proposed new PRS to CPM for review and approval	PRM Resumes & Quals	No time specified.	conditional	2/27/2019	Completed	2/27/2019						JACOBS	GAL	
235		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	
240		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	
241		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	
242		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	

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243	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	
244	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	TBD		Not started							JACOBS	GAL	
245	PAL	PAL-8	CONS/COM/OPS	Curation Entity/Curation Fees - The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed, including collection of fossil material, preparation of fossil material for analysis, analysis of fossils, identification and inventory of fossils, preparation of fossils for curation, and delivery for curation of all significant paleontological resource materials encountered and collected during project construction. The project owner shall pay all curation fees charged by the museum for fossil material collected and curated as a result of paleontological mitigation. The project owner shall also provide the curator with documentation showing the project owner irrevocably and unconditionally donates, gives, and assigns permanent, absolute, and unconditional ownership of the fossil material.	Within 60 days after the submittal of the PRR, the project owner shall submit documentation to the CPM identifying the entity that will be responsible for curating collected specimens. This documentation shall also show that fees have been paid for curation and the owner relinquishes control and ownership of all fossil material.	Documentation of the entity responsible for curation and that curation fees have been paid	Within 60 days of submittal of the PRR	TBD		Not Started							JACOBS	GAL	
248	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							SERC	GAL	GAF
251	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	Copies of correspondence with the County regarding storm	Within 10 days of its mailing or receipt	conditional		Conditional							SERC	GAL	gAF
252	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 project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the SARWQCB or SWRCB at least 30 days prior to construction.	Documentation that NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018	12/4/2018	In Progress	12/13/2018						SERC	GAL	GAF
254	S&W	SOIL & WATER-3c	PC/CONS/OPS	Correspondence with SWRCB - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB	Copies of correspondence	Annual Compliance Report	12/31/2020		Not Started							SERC	GAL	GAF

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255		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	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	Summary of daily water use	Monthly Compliance Report	Monthly Compliance Report		In progress									
256		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							SERC	DSR	
257		S&W	SOIL & WATER-5a	PC/CONS/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence of requiremennts 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	11/29/2018	Completed	12/1/2/18						ARB	GAL	TLB
258		S&W	SOIL & WATER-5b	PC/CONS/COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence that metering devices have been installed and are operational	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	Complete	2/22/2019 3/21/2019 (update)	Completed	2/28/2019						SERC	GAL	TLB
259		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							SERC	DSR	
260		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	TBD		Not Started							ARB	GAL	TLB
261		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	12/31/2020		Not Started							SERC	DSR	
262		S&W	SOIL & WATER-7	PC/CONS	Jack and Bore Permits - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project owner shall apply for coverage under the following permits: (see Decision SOIL&WATER-7 for list) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	TBD		Not Started							SoCalGas	GAL	GAF

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		STRUC	STRUC-1a	PC/CONS	Project Structures Plans and Specifications - Prior to the start of any increment of construction, the project owner shall submit plans, calculations, and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. (See Decision STRUC-1 for specifications).	The project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final design plans, specifications, and calculations and transmittal letter to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list	1.0: 1/17/2019 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/7/2019 5.0: 2/7/2019 6.0: 2/7/2019 7.0: 2/14/2019 8.0: 2/14/2019 9.0: 2/21/2019 10.0: 2/28/2019 12.0: 3/11/2019 13.0: 2/20/2019		In Progress	NA	1.0: 1/17/2019 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/6/2019 6.0: 2/7/2019 7.0: 3/28/2019 8.0: 2/12/2019 9.0: 3/22/2019 10.0: 2/28/2019 12.0: 3/29/2019 13.0: 2/20/2019	1.0: 2/22/2019 2.0: 2/18/2019 3.0: 3/18/2019 (conditional) 4.0: 6.0: 3/21/2019 (conditional) 8.0: 3/27/19 (conditional) 7.0: 9.0: 10.0: 13.0: 3/11/2019				Power	GAL	TAT
266		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							SERC	GAL	TAT
267		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							SERC	GAL	TAT
268		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	TAT
269		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	TAT
270		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	TAT
271		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	TAT
272																				

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273	STRUC	STRUC-3a	PC/CONS	Final Design Changes - The project owner shall submit to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	TBD		Conditional							SERC	GAL	TAT
274	STRUC	STRUC-3b	PC/CONS	Plan Approval Notification in MCR - See STRUC-3a	The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Notification of CBO Plan approval in MCR	Monthly	Monthly Compliance Report		In Progress							SERC	GAL	TAT
275	STRUC	STRUC-4a	CONS	Tank and HazMat Vessel Design - Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	The project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, specifications, and calculations	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	TBD		Not Started							SERC	TAT	
276	STRUC	STRUC-4b	CONS	CBO Approvals in MCR - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Copies of CBO approvals in MCR	Monthly	Monthly		In Progress							SERC	GAL	TAT
277	TLSN	TLSN-1	CONS	66 kV Line Requirements - The project owner shall construct the proposed 66-kV transmission line according to the requirements of California Public Utility Commission's GO-95, GO-128, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming that the line will be constructed according to the requirements stated in the condition.	Letter affirming construction in accordance with requirements	At least 30 days prior to start of construction of the transmission line or related structures and facilities	6/1/2019	3/15/2019	Complete	4/4/2019	3/15/2019	3/18/2019				SCE	GAL	GAF
278	TLSN	TLSN-2	CONS	Metallic Objects Grounded - The project owner shall ensure that all permanent metallic objects within the proposed route are grounded according to industry standards.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming compliance with this condition.	Letter affirming compliance	At least 30 days before the line is energized	11/1//2019		Not Started							SCE	GAF	GAF
279	TRANS	TRANS-1a	CONS	Roadway Use Permits and Regulations - The project owner shall comply with limitations imposed by the Department of Transportation (Caltrans) and other relevant jurisdictions, including the cities of Stanton, Anaheim, Buena Park, Garden Grove, and Westminster, and the county of Orange, on vehicle sizes and weights, driver licensing, and truck routes.	The project owner shall identify the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly		In Progress							ARB	GAL	TLB
280	TRANS	TRANS-1b	CONS	Copies of Permits - See TRANS-1a	The project owner shall retain copies of permits and supporting documentation on-site for compliance project manager (CPM) inspection if requested.	Copies of permits and documentation	During construction	on going		In Progress							SERC	TLB	

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	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U	V
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																		
2	All Phases																		
3																			
4				Version 3/11/2019		Based on Final Staff Assessment													
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
297	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 onsite of any construction equipment 153 feet AGL or taller	TBD		Not Started							Jacobs	GAL	TLB
298	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	Complete	3/22/2019						JACOBS	GAL	TLB
299	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	5/21/2019		Pending				Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL	TLB
300	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, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019	Pending							SERC	GAL	TLB
301	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, LAA Manager or FMA manager does not respond	Within 30 days after submittal	Conditional		Not started							SERC	GAL	TLB
302	TSE	TSE-1	CONS	Schedule of Designs, Master Drawing List, Specification Lists - Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition (See Decision TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	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	7/1/2019		Not started							Power	GAL	TAT

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date											
									Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
303	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 equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	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	7/1/2019		Not started							Power / SCE	GAL	TAT/GAF
304	TSE	TSE-2b	CONS/COM/OPS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power 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	6/1/2020		Not Started							SERC	DSR	
305	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 equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Make request for CBO inspection of insallation applicable to LORS	During construction	7/1/2019		Not Started							SERC	TLB	TAT/GAF
306	TSE	TSE-2d	CONS/COM/OPS	Transmittal Letter in MCR - See TSE-2a	Send the CPM a copy of the transmittal letter to the CBO in the next monthly compliance report.	Transmittal in MCR	Monthly if needed	On Going		Not Started							SERC	GAL	GAF/TAT
307	TSE	TSE-3	CONS/COM/OPS	Design, Construction, and Operation of Transmission Facilities - The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition (See Decision TSE-3 for further specifications).	Prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list	Prior to the start of construction or modification of transmission facilities	7/1/2019		Not Started		1/31/2019					SERC	GAF	
308	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	2/24/2020		Not Started							SERC	DSR	

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3	All Phases																		
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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	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	Knowledgeable Person
321	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	6/7/2020		Not Started							SERC	GAL	GAF
322	VIS	VIS-2e	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall report landscaping maintenance activities, including replacement or dead or dying vegetation, for the previous year of operation in each ACR. The CPM shall have authority to require replacement planting of dead or dying vegetation through the life of the project	Status Report	Annual Compliance Report	12/31/2020		Not Started							SERC	DSR	
323	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	
324	VIS	VIS-3b	CONS	Lighting Modifications Corrections - See VIS-3a	If the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.	Lighting modifications/ corrections, notification to CPM	Within 14 calendar days of receiving notification	conditional		Conditional							ARB	GAL	
325	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	conditional		Conditional							SERC	GAL	
326	VIS	VIS-3d	CONS	Summary of Complaints in MCR - See VIS-3a	The project owner shall report any lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	Summary of complaints and resolution in MCR, including report and forms	Monthly	Monthly		In Progress							SERC	GAL	
327	VIS	VIS-4a	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Lighting Management Plan and transmittal letters to Planning Director of City of Stanton for review and comment	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	Completed				Stanton	11/26/18	27-Nov-18	POWER	GAL	TAT	

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
328	VIS	VIS-4b	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Provide CPM with transmittal letter submitted to city and the Lighting Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018						SERC	GAL	TAT
329	VIS	VIS-4c	CONS/COM/OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and comment and the CPM from review and approval. No work to implement the plan (e.g., purchasing of fixtures) shall begin until final plan approval is received from the CPM.	Revised Lighting Plan	No specific time frame	conditional		Conditional							POWER	GAL	TAT
330	VIS	VIS-4d	CONS/COM	Lighting Inspection Ready, Notification - See VIS-4a	The project owner shall notify the CPM that installation of permanent lighting for the project has been completed and that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Prior to the start of commercial operation of the project	6/1/2020		Not Started							SERC	GAL	TLB
331	VIS	VIS-4e	COM/OPS	Changes to Lighting System - See VIS-4a	If the CPM notifies the project owner that modifications to the lighting system are required, within 30 days of receiving that notification, the project owner shall implement all specified changes and notify the CPM that the modified lighting system(s) is ready for inspection.	Changes to the lighting system	30 days after receiving the notification	conditional		Not Started							SERC	GAL	TLB
332	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		Conditional							SERC	GAL	

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									Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	Knowledgeable Person
351	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 methods used to those proposed in the original Operation Waste Management Plan; and update the Operation Waste Management Plan as necessary to address current waste generation and management practices	Status Report	Annual Compliance Report	12/31/2020		Not Started							SERC	DSR	
352	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 wastes 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	conditional		Conditional							SERC	GAL	TLB
353	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 Information Form to Orange County Waste and Recycling and the CPM	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	GAF
354	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 CPM Orange County Waste and Recycling's correspondence documenting its ability to accept the soils for disposal.	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	GAF

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357	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	11/14/2019		Not Started							SERC	DSR	
358	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	11/14/2019		Not Started							SERC	DSR	
360	WORKER SAFETY	WORKER SAFETY-3b	PC/CONS	Replacement CSS - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business day.	Replacement CSS Name/Contact	Within one business day	conditional		Conditional							ARB	GAL	
361	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							ARB	GAL	
367	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							JACOBS	GAL	TLB
368	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							JACOBS	GAL	TLB

Attachment 3 – Air Quality

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

Subject Stanton Energy Reliability Center (16-AFC-1)
Air Quality Monthly Compliance Report
March 2019

To Tim Bofman, SERC, LLC

From Hong Zhuang, Jacobs
 SERC CEC Designated Air Quality Mitigation Manager

Date April 2, 2019

Copies to Greg Lamberg, WPower, LLC
 Sharon Stureman, SERC, LLC
 Doug Davy, Jacobs
 Karen Parker, Jacobs

This Monthly Compliance Report summarizes the activities conducted at the Stanton Energy Reliability Center (SERC) in March 2019 to demonstrate compliance with 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.

1. 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 Monthly Compliance Report (MCR) include the following:

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

During construction in March 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.

On March 4, 2019, SERC received an email from the City of Stanton indicating a track-out problem on Dale Avenue. Actions were taken immediately to clean up the track-out. In addition, SERC has assigned additional laborers to the Dale Avenue entrance to scrape and sweep any track-out and to clean the rumble plates when build-up occurs. The City's email and SERC's correspondence are included in the COC COM-11 in the Monthly Compliance Report for March, 2019.

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 immediately. 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 to be installed as needed.
All Unpaved Exits Are Graveled or Treated	No – Dirt Entering Roadways	Yes – No Dirt Entering Roadways	Yes – In Compliance. Currently, shaker plates were installed at the unpaved exit.
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

Table 1. Fugitive Dust Control Measures, AQ-SC3

Implementation Measure	Out of Compliance-Trigger	In Compliance-Trigger ^a	Results During Compliance Period
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.

2. 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 at the project owner's discretion.

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

3. 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 at the project owner's discretion.

Table 2 shows the off-road diesel equipment used at the site in March 2019 and tagged to indicate compliance with AQ-SC5:

Table 2. Off-road Diesel Equipment Used and Tagged This Month

Manufacturer	Equipment Name	EIN
CASE	580 SN - BackHoe	BX3T54
CAT	Cat 966M wheel loader	UG9N98
CAT	56S - 84" roller	YS5A98
CAT	450F - Backhoe	SK8574
CAT	Rough Terrain Forklift	SF7A56
CAT	966K Wheel Loader	RG5N99
CAT	Rough Terrain Forklift	SF7A56
Genie	Forklift - Variable Reach	KT3V94
Genie	Aerial Lift	LG4L96
JLG	Forklift - 54'	YJ4K66
John Deere	210L Skip Loader	JG9B74
Link-Belt	490X4	DL9A58
Multiquip	DCA70SSIU4F - Generator	NA
Volvo	ECR2353I - Excavator	YV7D79
Xtreme	XR1255 Forklift	VC6G63

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: _____

Form: SERC-CAQ-001

AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:02:54
+07'00'

Date: 3/1/2019

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

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: GREG LAMBERG

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.04 16:35:45 -0800

Date: 3/4/19

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	N	SERC has requested additional diligence from contractor in this regard
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?*	N	Complaint from City received this morning re: track-out on Parcel 1. Contractor was notified and addressed. SERC has requested additional diligence from contractor going forward.
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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.05 16:51:33 -0800

Date: 03/05/2019

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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stantec, ou=Stanton Energy Reliability Center, c=US
Date: 2019.03.06 11:24:24 -0800

Date: 3/6/2019

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?	n/a	Heavy rain today, no work being done on site
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?*	n/a	Heavy rain today, no work being done on site
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	SWPPP inspection conducted this morning by Jacobs
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?	n/a	Heavy rain today, no work being done on site
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:

Heavy rains today - no earth work was done on site

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.07 14:38:55 -0800

Date: 3/7/2019

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: Tim Bofman
 AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:04:29
+07'00'
 Date: 3/8/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.11 15:44:29 -0700

Date: 3/11/2019

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?	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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.12 14:08:00 -0700

Date: 3/12/2019

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?	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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy Reliability Center, c=US
Email=greg.lamberg@sercenergy.com, c=US
Date: 2019.03.13 15:31:20 -0700

Date: 3/13/2019

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?	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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stantec, ou=Stantec, email=greg.lamberg@stantec.com, c=US
Date: 2019.03.14 15:04:39 -0700

Date: 3/14/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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: Tim Bofman
 AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:05:54
+07'00'
 Date: 3/15/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stantec, ou=Stanton Energy Reliability Center, c=US
Date: 2019.03.18 15:13:53 -0700

Date: 3/18/2019

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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stantec, ou=Stanton Energy Reliability Center, c=US
Date: 2019.03.19 15:22:00 -0700

Date: 3/19/2019

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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.20 15:45:34 -0700

Date: 3/20/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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: Greg Lamberg
 AQCMM or Delegate signature: Greg Lamberg
 Date: 3/21/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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: Tim Bofman
 AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:07:59
+07'00'
 Date: 3/22/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.25 16:16:04 -0700

Date: 3/25/2019

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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stantec, ou=Stantec, email=greg.lamberg@stantec.com, c=US
Date: 2019.03.26 16:39:07 -0700

Date: 3/26/2019

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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy Reliability Center, c=US
Email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.27 15:49:29 -0700

Date: 3/27/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.28 15:01:16 -0700

Date: 03/28/2019

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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: Tim Bofman
 AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:08:38
+0700
 Date: 3/29/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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)

Sweeping Log

Month/Year: MARCH 2019		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3/1/19	2:15 PM	X	X	X		H. [Signature]	
3/4/19	1:30	X	X	X		[Signature]	
3/5/19	2:30	X	X	X		[Signature]	
3/7/19	2:30	X	X	X		[Signature]	
3/8/19	2:30	X	X	X		J. Botello	
3/9/19	2:00	X	X	X		Max Hernandez	
3/10/19	11:30	X	X	X		Adrian Perez	
3-11-19	1:30		X	X		SINTA	
3-12-19	7:00 AM	X	X	X		Dave	
3-13-19	12:45	X	X	X		[Signature]	
3/14/19	1:43 PM	X	X	X		J. Botello	
3-15-19	2:15 PM	X	X	X		Juan Sanchez	
3-18-19	8:40 AM	X	X	X		Max Hernandez	
3-27-19	11:40	X	X	X		Max Hernandez	
3-28-19	10:30	X	X	X		Max Hernandez	
3-29-19	11 AM	X	X			[Signature]	

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

Sweeping Log

Month/Year: <i>MARCH 2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3/1/19</i>	<i>8:15 AM</i>				<i>X</i>	<i>M. St</i>	
<i>3/1/19</i>	<i>12:45 PM</i>				<i>X</i>	<i>M. St</i>	
<i>3/1/19</i>	<i>2:38 PM</i>				<i>X</i>	<i>M. St</i>	
<i>3/4/19</i>	<i>7:45 AM</i>				<i>X</i>	<i>L. BREWER</i>	
<i>3/4/19</i>	<i>11:15 PM</i>				<i>X</i>	<i>J. SANCHEZ</i>	
<i>3.4.19</i>	<i>12:50 PM</i>				<i>X</i>	<i>J. TINAJERO</i>	
<i>3.4.19</i>	<i>2:40 PM</i>				<i>X</i>	<i>J. TINAJERO</i>	
<i>3.5.19</i>	<i>7 AM</i>				<i>X</i>	<i>J. Tinajero</i>	
<i>3/5/19</i>	<i>7:15</i>				<i>X</i>	<i>M. St</i>	
<i>3/5/19</i>	<i>8:30</i>				<i>X</i>	<i>M. St</i>	
<i>3/5/19</i>	<i>7:45</i>				<i>X</i>	<i>M. St</i>	
<i>3/5/19</i>	<i>8:00</i>				<i>X</i>	<i>M. St</i>	
<i>3/5/19</i>	<i>8:15</i>				<i>X</i>	<i>M. St</i>	
<i>3/5/19</i>	<i>8:30</i>				<i>X</i>	<i>M. St</i>	
<i>3/5/19</i>	<i>8:45</i>				<i>X</i>	<i>M. St</i>	
	<i>9:00</i>				<i>X</i>	<i>M. St</i>	
	<i>9:15</i>				<i>X</i>	<i>M. St</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-5-19</i>	<i>9:30</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>9:45</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>10:00</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>10:15</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>10:30</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>10:45</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>11:00</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>11:15</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>11:30</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>11:45</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>12:00</i>				<i>X</i>		
<i>3-5-19</i>	<i>12:30</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>12:45</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>1:00</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>1:15</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>1:30</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-5-19</i>	<i>1:45</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

[illegible]

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-7-19</i>	<i>7:45</i>				<i>✓</i>	<i>Adrian Perez</i>	
<i>3-7-19</i>	<i>8:00</i>				<i>✓</i>	<i>SINA</i>	
<i>3-7-19</i>	<i>8:30</i>				<i>✓</i>	<i>Adrian Perez</i>	
<i>3-7-19</i>	<i>8:50</i>				<i>✓</i>	<i>Adrian Perez</i>	
<i>3-7-19</i>	<i>9:30</i>				<i>✓</i>	<i>Adrian Perez</i>	
<i>3-7-19</i>	<i>9:50</i>				<i>✓</i>	<i>SINA</i>	
<i>3-7-19</i>	<i>10:20</i>				<i>✓</i>	<i>SINA</i>	
<i>3-7-19</i>	<i>11:05</i>				<i>✓</i>	<i>Adrian Perez</i>	
<i>3-7-19</i>	<i>12:40</i>				<i>✓</i>	<i>Adrian Perez</i>	
<i>3-7-19</i>	<i>1:15</i>				<i>✓</i>	<i>Adrian Perez</i>	
<i>3-7-19</i>	<i>1:55</i>				<i>✓</i>	<i>SINA</i>	
<i>3-7-19</i>	<i>2:04</i>				<i>✓</i>	<i>Adrian Perez</i>	
<i>3-7-19</i>					<i>✓</i>	<i>Adrian Perez</i>	
						<i>Adrian Perez</i>	

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

Sweeping Log

Month/Year: <i>MARCH</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3-8-19	107				X	<i>Karl K.</i>	
3-8-19	115				X	<i>Karl K.</i>	
3-8-19	130				X	<i>Karl K.</i>	
3-8-19	145				X	<i>Karl K.</i>	
3-8-19	2:00				X	<i>Karl K.</i>	
3-8-19	215				X	<i>Karl K.</i>	
3-8-19	230				X	<i>Karl K.</i>	
3-11-19	730				X	<i>Karl K.</i>	
3-11-19	745				X	<i>Karl K.</i>	
3-11-19	800				X	<i>Karl K.</i>	
3-11-19	8:15				X	<i>Karl K.</i>	
3-11-19	830				X	<i>Karl K.</i>	
3-11-19	845				X	<i>Karl K.</i>	
3-11-19	900				X	<i>Karl K.</i>	
3-11-19	9:15				X	<i>Karl K.</i>	
3-11-19	930				X	<i>Karl K.</i>	
3-11-19	945				X	<i>Karl K.</i>	

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

Sweeping Log

Month/Year: <i>MARCH</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-14-19</i>	<i>1000</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1015</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1030</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1045</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1100</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1115</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1130</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1143</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1200</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1215</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1230</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>1245</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>100</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>115</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>130</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>145</i>				<i>X</i>	<i>Russell H</i>	
<i>3-11-19</i>	<i>2:00</i>				<i>X</i>	<i>Russell H</i>	

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

Sweeping Log

Month/Year: <i>MARCH</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3-13-19	715				X	<i>Raul R</i>	
3-13-19	730				X	<i>Raul R</i>	
3-13-19	745				X	<i>Raul R</i>	
3-13-19	800				X	<i>Raul R</i>	
3-13-19	815				X	<i>Raul R</i>	
3-13-19	1000				X	<i>Raul R</i>	
3-13-19	1015				X	<i>Raul R</i>	
3-13-19	1030				X	<i>Raul R</i>	
3-13-19	1045				X	<i>Raul R</i>	
3-13-19	1100				X	<i>Raul R</i>	
3-13-19	1245				X	<i>Raul R</i>	
3-13-19	100				X	<i>Raul R</i>	
3-13-19	115				X	<i>Raul R</i>	
3-13-19	130				X	<i>Raul R</i>	
3-14-19	700				X	<i>Raul R</i>	
3-14-19	715				X	<i>Raul R</i>	
3-14-19	730				X	<i>Raul R</i>	

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

Sweeping Log

Month/Year: <i>MARCH</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3-14-19	950				X	<i>Kendall K</i>	
3-14-19	1000				X	<i>Kendall K</i>	
3-14-19	1015				X	<i>Kendall K</i>	
3-14-19	1030				X	<i>Kendall K</i>	
3-14-19	1245				X	<i>Kendall K</i>	
3-14-19	100				X	<i>Kendall K</i>	
3-14-19	115				X	<i>Kendall K</i>	
3-15-19	700				X	<i>Kendall K</i>	
3-15-19	715				X	<i>Kendall K</i>	
3-15-19	730				X	<i>Kendall K</i>	
3-15-19	745				X	<i>Kendall K</i>	
3-15-19	800				X	<i>Kendall K</i>	
3-15-19	9:15				X	<i>Kendall K</i>	
3-15-19	930				X	<i>Kendall K</i>	
3-15-19	945				X	<i>Kendall K</i>	
3-15-19	1000				X	<i>Kendall K</i>	
3-15-19	1015				X	<i>Kendall K</i>	

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

Sweeping Log

Month/Year: <i>MARCH</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3-14-19	950				X	<i>Kendall K</i>	
3-14-19	1000				X	<i>Kendall K</i>	
3-14-19	1015				X	<i>Kendall K</i>	
3-14-19	1030				X	<i>Kendall K</i>	
3-14-19	1245				X	<i>Kendall K</i>	
3-14-19	100				X	<i>Kendall K</i>	
3-14-19	115				X	<i>Kendall K</i>	
3-15-19	700				X	<i>Kendall K</i>	
3-15-19	715				X	<i>Kendall K</i>	
3-15-19	730				X	<i>Kendall K</i>	
3-15-19	745				X	<i>Kendall K</i>	
3-15-19	800				X	<i>Kendall K</i>	
3-15-19	9:15				X	<i>Kendall K</i>	
3-15-19	930				X	<i>Kendall K</i>	
3-15-19	945				X	<i>Kendall K</i>	
3-15-19	1000				X	<i>Kendall K</i>	
3-15-19	1015				X	<i>Kendall K</i>	

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

Sweeping Log

Month/Year: <i>MARCH</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3-14-19	950				X	<i>Kenneth</i>	
3-14-19	1000				X	<i>Kenneth</i>	
3-14-19	1015				X	<i>Kenneth</i>	
3-14-19	1030				X	<i>Kenneth</i>	
3-14-19	1245				X	<i>Kenneth</i>	
3-14-19	100				X	<i>Kenneth</i>	
3-14-19	115				X	<i>Kenneth</i>	
3-15-19	700				X	<i>Kenneth</i>	
3-15-19	715				X	<i>Kenneth</i>	
3-15-19	730				X	<i>Kenneth</i>	
3-15-19	745				X	<i>Kenneth</i>	
3-15-19	800				X	<i>Kenneth</i>	
3-15-19	9:15				X	<i>Kenneth</i>	
3-15-19	930				X	<i>Kenneth</i>	
3-15-19	945				X	<i>Kenneth</i>	
3-15-19	1000				X	<i>Kenneth</i>	
3-15-19	1015				X	<i>Kenneth</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-15-19</i>	<i>1030</i>				<i>X</i>	<i>Raul K</i>	
<i>3-15-19</i>	<i>1100</i>				<i>X</i>	<i>Raul K</i>	
<i>3-15-19</i>	<i>1115</i>				<i>X</i>	<i>Raul K</i>	
<i>3-15-19</i>	<i>1130</i>				<i>X</i>	<i>Raul K</i>	
<i>3-15-19</i>	<i>1230</i>				<i>X</i>	<i>Raul K</i>	
<i>3-15-19</i>	<i>100</i>				<i>X</i>	<i>Raul K</i>	
<i>3-15-19</i>	<i>115</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18-19</i>	<i>700</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>715</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>730</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>745</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>800</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>815</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>830</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>845</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>900</i>				<i>X</i>	<i>Raul K</i>	
<i>3-18</i>	<i>915</i>				<i>X</i>	<i>Raul K</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-18-19</i>	<i>930</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18-19</i>	<i>945</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1000</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1015</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1030</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1045</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1100</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1115</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1130</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1230</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>1245</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>100</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>115</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>130</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>145</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-18</i>	<i>222</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-19</i>	<i>706</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3.19.19</i>	<i>715</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>730</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>745</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>8:00</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>845</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>915</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>930</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>945</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1000</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1015</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1030</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1045</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1130</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1210</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1215</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1230</i>				<i>X</i>	<i>[Signature]</i>	
<i>3.19.19</i>	<i>1245</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-26-19</i>	<i>645</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>700</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>715</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>845</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>900</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>915</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>930</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>945</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1000</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1015</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1030</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1045</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1100</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1115</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1130</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1210</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1230</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-26-19</i>	<i>6415</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>700</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>715</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>8415</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>900</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>915</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>930</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>945</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1000</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1015</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1030</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>10415</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1100</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1115</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1130</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1210</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1230</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-26-19</i>	<i>1245</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>100</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>115</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>130</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>1415</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>200</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>215</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>230</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-26-19</i>	<i>243</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-27-19</i>	<i>730</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-27-19</i>	<i>745</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-27-19</i>	<i>800</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-27-19</i>	<i>815</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-27-19</i>	<i>900</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-27-19</i>	<i>915</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-27-19</i>	<i>930</i>				<i>X</i>	<i>[Signature]</i>	
<i>3-27-19</i>	<i>945</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-27-19</i>	<i>1000</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>1015</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>1030</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>1045</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>1100</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>1130</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>1210</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>1230</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>1245</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>100</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>115</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>130</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>145</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>200</i>				<i>X</i>	<i>Karl K</i>	
<i>3-27-19</i>	<i>223</i>				<i>X</i>	<i>Karl K</i>	
<i>3-28-19</i>	<i>7:00 am</i>				<i>X</i>	<i>Richard [Signature]</i>	
<i>3-28-19</i>	<i>7:15</i>				<i>X</i>	<i>Richard [Signature]</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>3-28-19</i>	<i>7:30</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>7:45</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>8:00 am</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>8:15 am</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>8:30 am</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>8:45 am</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>9:00 am</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>9:15 am</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>9:30</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>9:45</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>10:00</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>10:15</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>10:30</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>10:45</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>11:00</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>11:15</i>				<i>X</i>	<i>Richard Card</i>	
<i>3-28-19</i>	<i>11:30</i>				<i>X</i>	<i>Richard Card</i>	

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3-28-19	12:15				X	<i>Richard Linn</i>	
3-28-19	12:30				X	<i>Richard Linn</i>	
3-28-19	12:45				X	<i>Richard Linn</i>	
3-28-19	1:00 pm				X	<i>Richard Linn</i>	
3-28-19	1:15				X	<i>Richard Linn</i>	
3-28-19	1:30 pm				X	<i>Richard Linn</i>	
3-28-19	1:45				X	<i>Richard Linn</i>	
3-28-19	2:00 pm				X	<i>Richard Linn</i>	
3-28-19	2:15				X	<i>Richard Linn</i>	
3-28-19	2:30				X	<i>Richard Linn</i>	
3-28-19	2:45				X	<i>Richard Linn</i>	
3-29-19	700				X	<i>Richard Linn</i>	
3-29-19	715				X	<i>Richard Linn</i>	
3-29-19	730				X	<i>Richard Linn</i>	
3-29-19	745				X	<i>Richard Linn</i>	
3-29-19	800				X	<i>Richard Linn</i>	
3-29-19	815				X	<i>Richard Linn</i>	

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

Sweeping Log

Month/Year: <i>MARCH 19</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3-29-19	830				X	<i>[Signature]</i>	
3-29-19	845				X	<i>[Signature]</i>	
3-29-19	900				X	<i>[Signature]</i>	
3-29-19	915				X	<i>[Signature]</i>	
3-29-19	930				X	<i>[Signature]</i>	
3-29-19	945				X	<i>[Signature]</i>	
3-29-19	1000				X	<i>[Signature]</i>	
3-29-19	1015				X	<i>[Signature]</i>	
3-29-19	1030				X	<i>[Signature]</i>	
3-29-19	1045				X	<i>[Signature]</i>	
3-29-19	1100				X	<i>[Signature]</i>	
3-29-19	1115				X	<i>[Signature]</i>	
3-29-19	1130				X	<i>[Signature]</i>	
3-29-19	1145				X	<i>[Signature]</i>	
3-29-19	1210				X	<i>[Signature]</i>	
3-29-19	1230				X	<i>[Signature]</i>	
3-29-19	1245				X	<i>[Signature]</i>	

Am. Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-010)

Sweeping Log

[illegible]

Appendix B Documentation of AQ-SC5 Compliance

SERC Offroad Diesel Equipment Inventory March 2019

				Equipment						Engine										
Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier	Engine Certification on File	Compliance Tag	Notes
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	N/A	FPT Industrial S.P.A	FFPKX03.4FSD	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	JJ6NS85NLECT05659	D+S BACKHOE SERVICE	N/A	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4	u-r-015-0283	Green tag issued 02/19/2019	
2/20/2019	onsite	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	onsite	YS5A98	SERC_006	CAT	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4MI1	C4.4	NA	2013	C7N11131	156.9	4I	NA	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-
2/25/2019	3/8/2019	YV7D79	SERC_007	Volvo	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	onsite	DL9A58	SERC_009	Link-Belt	490X4	2017	LBX490Q7NGHEX1139	Lalonde	Ortiz	Isuzu Motors Limited	GSZXL09.8QXA	6UZ1	NA	2016	527667	362	4	u-r-006-0421	Green tag issued 02/27/2019	
2/26/2019	3/1/2019	SK8574	SERC_010	CAT	450F - Backhoe	2016	HJR00594	Lalonde	Ortiz	Perkins Engine Company	EPKXL04.4MK1	C4.4	4.4	2014	C7N36796	127	4	u-r-022-0191	Green tag issued 02/27/2019	
2/27/2019	onsite	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	TF500270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	4I	u-r-001-0409	Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB\$.5	4.5	2014	73617640	130	4I	u-r-002-0586	Green Tag issued on 3/22/2019	Was on site for a few days while SERC ID: SERC_012 is offsite for repairs
3/21/2019	onsite	KT3V94	SERC_015	Genie	Forklift - Varialbe Reach	2014	BR2596	United Rentals	Newtron	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11731188	74	4	u-r-013-0472-1	Green Tag issued on 3/22/2019	
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/22/2019	Formerly SERC_012 (was removedon 3/19 for repairs and returned on 3/22)
3/28/2019	onsite	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	



April 2, 2019

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

Attn: Greg Lamberg
Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Lamberg:

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 *AQCMF Equipment Log* for ARB equipment currently on-site.

Arrived	Removed	Eqpt No	Manufacturer	Model/Description
2/4/2019	onsite	SERC_001	Xtreme	XR1255 Forklift
2/20/2019	3/21/2019	SERC_002	Multiquip	DCA70SSIU4F - Generator
3/6/2019	3/19/2019	SERC_012	CAT	Rough Terrain Forklift
3/20/2019	3/25/2019	SERC_014	JLG	Forklift - 54'
3/22/2019	onsite	SERC_016	CAT	Rough Terrain Forklift

Respectfully,

Steven Fischer
ARB, Inc.
Project Manager



April 1, 2019

Lalonde Equipment Rental

2508 N. Palm Drive #200

Signal Hill, CA 90755

ATTN: John Britt

Project Manager

Ortiz Enterprises

RE: Ortiz-Stanton Job #210

Equipment Maintenance Order-March 2019

Dear Mr. Britt,

This letter serves to inform you that the following units are being serviced and maintained on a daily basis.

1. (1x) LinkBelt 490 100k# Excavator #2059 DL9A58
2. (1x) Cat 450 Backhoe #1011 SK0547
3. (1x) Volvo 235 55k# Excavator #2166 YVTD79

Sincerely,

A handwritten signature in black ink, appearing to read 'Brent Lalonde', is written over a horizontal line.

Brent Lalonde

Rental Coordinator

Lalonde Equipment Rental



ENTERPRISES, INC.

6 Cushing, Suite 200, Irvine, CA 92618
Phone (949) 753-1414 Fax (949) 753-1477

April 5, 2019

Via e-mail

ARB Inc.
27000 Commercentre Drive
Lake Forest, CA 92630

ATTN: Nick Tasich

RE: Stanton Energy Reliability Center (SERC)
Subcontract No. 14261421-07

Subject: **Equipment Maintenance – March**

Dear Mr. Tasich,

This letter serves to inform you that the following equipment is being serviced and maintained on a daily basis.

1. 2 ea. CAT 966 Loaders;
 - a. EIN UG9N98
 - b. EIN RG5N99
2. Cat CS56 Vibratory Roller
 - a. EIN YS5A98
3. John Deere 210 Skiploader
 - a. EIN JG9B74

If you have any questions or concerns, please do not hesitate to contact me at (949) 753-1414 ext. 104.

Sincerely,
Ortiz Enterprises, Inc.

John J. Britt

John J. Britt
Project Manager



1301 SOUTH STATE COLLEGE BLVD

Fullerton, CA. 92831

Office : 714-871-5712

Fax : 714-871-1107

From: United Rentals, Inc.

To: ARB/Newtron LLC.

Subject: LETTER OF MAINTENANCE VERIFICATION

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

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager



King Equipment LLC
12624 Rosecrans Ave
Santa Fe Springs, CA 90670
Phone No: (562) 371-0999 Fax No: (562) 229-0046

Rel/Ver 6.0.1/2020.E

evalenzuela

WO125429



Order Date

SVO Contract

Pay Terms INT

PO Number

Bill-to No. RENTAL

Internal - Rental Department

Customer No. SERVICE

King Equipment - Service Department

Contact Enrique	Email	Phone
Make Genie	Serial No. Z452514A-50845	Service Date 3/26/2019
Model Z-45/25	Meter Reading 2291	Customer Equipment 144525023
		Unit No. 144525023

TYPE	NO	DESCRIPTION	QTY
Segment No.	10000	200 Hour Oil Service Equipment	
PART		Filter, Fuel/Water Seperator	1.0
PART		Filter, Fuel	1.0
PART		Filter, Oil Eng	1.0
PART		Filter, Air (Outer)	1.0
PART		Manual Box w/Decals	1.0
PART		Base	1.0
PART		E-Stop Button	1.0
Segment Note		Checked all functions	
Segment Note		Safety inspection	
Segment Note		Replaced power track	
Segment Note		Repacked main lift cylinder	
Segment Note		200 hours engine serviced	

Email

Powered By:

<https://ur-designs.com/solutions/delivery-and-warehouse-solutions/>



Area	Description	Okay	Monitor	Adjusted	Repair	N/A	Tech Suggestion	Cust Request
Drive System	1. Tires, wheels, studs & nuts	✓						
Drive System	2. Brakes	✓						
Electrical	3. Tilt sensor	✓						
Electrical	4. Batteries	✓						
Electrical	5. Audible alarms	✓						
Electrical	6. Power to platform	✓						
Electrical	7. Aux. power	✓						
Electrical	8. Charger					✓		
Electrical	9. Key switch	✓						
Engine	10. Belts	✓						
Engine	11. Alternator output	✓						
Engine	12. Inspect air filter	✓						
Engine	13. RPM Setting	✓						
Engine	14. LP fuel lines (LP only)					✓		
Engine	15. Oil Level	✓						
Engine	16. Crankcase Filter (Diesel Only)					✓		
Frame/Structural	17. Entry gate	✓						
Frame/Structural	18. Spindles & steer bushings	✓						
Frame/Structural	19. Wear pads	✓						
Frame/Structural	20. Inspect boom chains & cables	✓						
Frame/Structural	21. Basket (cracks & damage)	✓						
Frame/Structural	22. Powertrack/Pull tube	✓						
Functionality	23. Overall Functions	✓						
Functionality	24. Footswitch	✓						
Functionality	25. Spare Key	✓						
Functionality	26. Locks	✓						
Hydraulic System	27. Hydraulic Level	✓						
Safety	28. Safety & cut-out switches	✓						



Area	Description	Okay	Monitor	Adjusted	Repair	N/A	Tech Suggestion	Cust Request
Safety	29. Current annual inspection					✓		
Safety	30. Elevated & Stowed Drive Function	✓						
Safety	31. Factory/Service Updtaes					✓		
Visual	32. Overall appearance	✓						
Visual	33. Wring, cables & hoses	✓						
Visual	34. Manuals	✓						
Visual	35. Decals	✓						
Visual	36. Hydraulic/Engine Leaks	✓						
Visual	37. Controllers & boots	✓						
Visual	38. EIN Number (Diesel Only)	✓						

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

AQCMM or Delegate name: Tim Bofman

Form: SERC-CAQ-003

AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:09:34 -0700

Date: 3/1/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: GREG IAMBERG

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.04 16:27:34 -0800

Date: 03/04/19

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.05 16:53:07 -0800

Date: 03/05/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=S&P Power, ou,
email=glamberg@sppower.com, c=US
Date: 2019.03.06 11:28:34 -0800

Date: 3/06/2019

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

ADDITIONAL NOTES:

Equipment list was updated and blue tag was placed on forklift that arrived today.

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.07 14:40:28 -0800

Date: 3/7/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Tim Bofman

Form: SERC-CAQ-003

AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:10:23 -0700

Date: 3/8/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.11 15:45:38 -0700

Date: 3/11/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.12 14:11:38 -0700

Date: 3/12/2019

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

ADDITIONAL NOTES:

Awaiting Tier info on new piece of equipment to blue tag it and add to on-site inventory. Should have tomorrow.

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.13 15:23:11 -0700

Date: 3/13/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=glamberg@seipower.com, c=US
Date: 2019.03.14 15:28:22 -0700

Date: 3/14/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Tim Bofman

Form: SERC-CAQ-003

AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:12:16 -0700

Date: 3/15/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.18 15:18:47-0700

Date: 3/18/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=greglamberg@seipwr.com, c=US
Date: 2019.03.19 15:23:27 -0700

Date: 3/19/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=greg.lamberg@seipwr.com, c=US
Date: 2019.03.20 16:47:13 -0700

Date: 3/20/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.11 12:13:10 -0700

Date: 3/21/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Tim Bofman

Form: SERC-CAQ-003

AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:12:58 -0700

Date: 3/22/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy Reliability Center, c=US
Date: 2019.03.25 16:17:12 -0700

Date: 3/25/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.26 16:40:25 -0700

Date: 3/26/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.03.27 15:50:38 -0700

Date: 3/27/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy Reliability Center, c=US
Date: 2019.03.28 15:52:21 -0700

Date: 03/28/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Tim Bofman

Form: SERC-CAQ-003

AQCMM or Delegate signature: Tim Bofman Digitally signed by Tim Bofman
Date: 2019.04.05 13:13:47 -0700

Date: 3/29/2019

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

ADDITIONAL NOTES:

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
March 2019

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
 SERC CEC Designated Biologist

Date: April 2, 2019

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

1. Introduction

This March 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from March 1 through March 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 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 March 2019 reporting period. Construction started on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

Biological monitoring was conducted daily. There were no active nests within the SERC site. A Nest Survey Report for the off-site parking area is provided in Appendix A. Daily Biological Resources

Compliance Monitoring Logs are provided in Appendix B. A list of wildlife species observed during the nest survey and monitoring events is included in Appendix C.

2.1 Activities Monitored

SERC construction activities from March 1 through March 31, 2019 included construction of bridges (pedestrian and utility) across Stanton Storm Channel and a water treatment basin, and the demolition of a garage. These construction activities included excavation, trenching, and pouring concrete. Additional project parking at the Bethel Romanian Pentecostal Church began on March 12, 2019 after the completion of a nesting bird survey (Appendix A).

2.2 Nesting Birds

No active nests were observed within the SERC site during the March 2019 reporting period. A nest survey was performed within the additional project parking area (at the Bethel Romanian Pentecostal Apostolic Church) and within 500 feet of the project site on March 11, 2019 in accordance with BIO-8. The Nest Survey Report is provided in Appendix A. 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 March 2019. A list of wildlife species observed during nest surveys and monitoring in March 2019 is included in Appendix C.

2.4 Wildlife Injuries and Mortalities

No injured or dead wildlife species were observed within the SERC boundary. A list of wildlife species observed during the nest surveys and monitoring events are included in Appendix C.

2.5 Hazardous Material Spills

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

2.6 Non-Compliance Report

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

3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 41 persons completed the SERC WEAP training in March 2019. The hardcopy sign-in training logs for the March 2019 reporting period are included in Appendix D.

Appendix A Nest Survey Report

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 March 11, 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) (16-AFC-1) parking lot for the Eastern Parcel. The parking lot is owned by the Bethel Romanian Pentecostal Apostolic Church (Church), located at 10801 Dale Avenue, Stanton, Orange County, California. Prior to March 11, 2019, the Church parking lot has not been used by the Project. The Church is a large structure that stands adjacent to several smaller buildings associated with the Church. The parking lot surrounds the Church to the north, west, and south; and is located approximately 100 meters south of the SERC Eastern Parcel (Parcel 1). The parking lot is used by parishioners throughout the week and on the weekend and it is used as an employee parking lot for a neighboring business. 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 March 11, 2019 between 7:00 am and 8:53 am. Weather conditions were partly cloudy with temperatures around 50°F and light winds (1-3 mph NW). Pedestrian surveys were completed for the parking lot and publicly-accessible areas within 500 feet of the parking lot. 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 or special status species were observed within the parking lot or within 500 feet of the parking lot. Bird species observed during the survey are listed in Table 1. Descriptions of the survey locations are provided below. Several photographs of the parking lot taken during the survey, in addition to a Google Earth image from an aerial perspective, are included in Attachment A.

Parking Lot

The parking lot is paved and surrounded by a small border planted with low ornamental shrubs and several small trees (*Ficus sp.*, *Magnolia sp.*, and *Plumeria sp.*). The entire parking lot was walked, and each small tree was examined for nests, but none were found. In addition, the surrounding area was scanned with binoculars and no nest structures were detected. No sensitive species were observed and there was very little bird activity in general.

500-Foot Buffer

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

Table 1. Avian Species Observed During the March 11, 2019 Nest Survey for leased SERC parking lot owned by and adjacent to the Bethel Romanian Pentecostal Apostolic Church, Stanton, CA.		
Common Name	Scientific Name	Notes
Western gull	<i>Larus occidentalis</i>	Observed flying over the 500-foot buffer.
Eurasian collared dove	<i>Streptopelia decaocto</i>	Observed perched within the 500-foot buffer.
Mourning dove	<i>Zenaida macroura</i>	Observed perched within the 500-foot buffer.
Rock pigeon	<i>Columba livia</i>	Observed flying over the 500-foot buffer.
Common raven	<i>Corvus corax</i>	Observed flying over the 500-foot buffer.
European starling	<i>Sturnus vulgaris</i>	Observed perched within the 500-foot buffer.
House sparrow	<i>Passer domesticus</i>	Observed perched within the 500-foot buffer.

Attachment A

Survey Photos

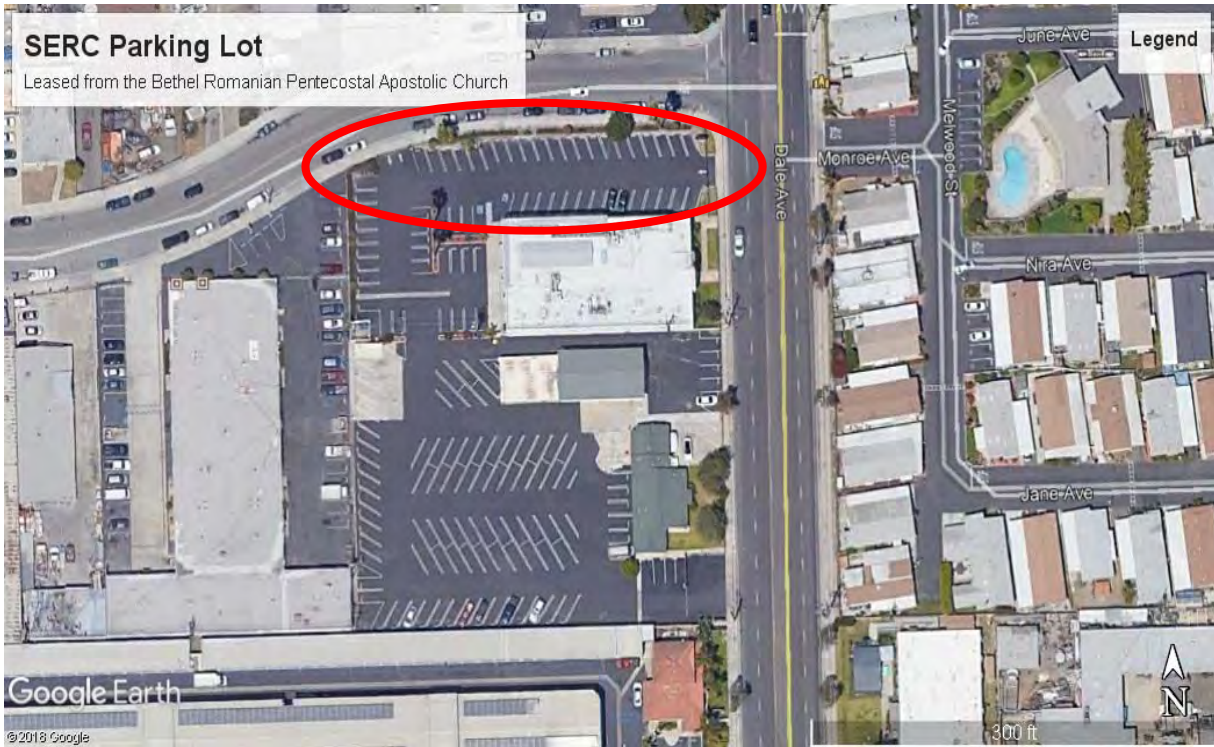


Photo 1. Google Earth image of the Bethel Romanian Pentecostal Apostolic Church parking lot located at 10801 Dale Avenue, Stanton, California. The portion of the lot to be used by Project personnel is circled in red.



Photo 2. View northeast from the northwestern portion of the Church parking lot. The entrance gate to be used by Project personnel is visible at right. March 11, 2019.



Photo 3. View northwest from the northwestern portion of the Church parking lot. The exit gate to be used by Project personnel is visible at center of photo. March 11, 2019.



Photo 4. Longer view northwest from the northwestern portion of the Church parking lot. The exit gate to be used by Project personnel is visible at left of photo. March 11, 2019.

Appendix B

Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 1, 2019		Ken Levenstein		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
58 - 68	0 – 5 SW	N	Good	Mostly cloudy.
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored before and during staging, continued delivery of equipment and materials, removal of old 3-bay garage structure following demolition, and work on excavation and shoring for vehicle, pedestrian, and utility bridge abutment foundations and water treatment basin (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored before and during staging of bottom-dump trucks, and work on excavation for vehicle, pedestrian, and utility bridge abutment foundations (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, Cassin’s kingbird, American crow (<i>Corvus brachyrhynchos</i>), common raven (<i>Corvus corax</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 east from western end of Eastern Parcel at bottom-dump trucks lined up and ready to be filled with spoils from the bridge abutment foundation excavations at the western end of the Parcel.
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Photo 2



Location	SERC – Western Parcel	Description	View southeast from eastern end of Western Parcel at structural filler being added to utility bridge abutment foundation and water treatment basin excavations in southeastern portion of the Western Parcel.
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Photo 3



Location	SERC – Western Parcel	Description	View south from eastern portion of Western Parcel at structural filler being added to utility bridge abutment foundation and water treatment basin excavations in southeastern portion of the Western Parcel.
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Photo 4



Location	SERC – Western Parcel	Description	View southeast from northeast portion of the Western Parcel at shoring being added for the vehicle bridge abutment foundation excavation work in northeast corner of the Parcel. Ongoing excavation work on the Eastern Parcel visible in background across the Stanton Storm Channel.
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Photo 5



Location

SERC – Western Parcel

Description

View east-southeast from center of Western Parcel at final cleanup of an old 3-bay garage structure.

Photo 6



Location

SERC – Western Parcel

Description

View southeast from northeast portion of the Western Parcel at shoring being added for the vehicle bridge abutment foundation excavation work in northeast corner of the Parcel. Ongoing excavation work on the Eastern Parcel visible in background across the Stanton Storm Channel.

Photo 7



Location	SERC – Western Parcel	Description	Another view (south) from northeast portion of the Western Parcel at shoring added for the vehicle bridge abutment foundation excavation work in northeast corner of the Parcel.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 4, 2019		Ken Levenstein		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
55 - 63	0 – 7 SW	N	Good	Mostly cloudy in morning, sunny in afternoon.
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored before and during continued delivery of equipment and materials, work on structural fill for excavation and shoring for vehicle, pedestrian, and utility bridge abutment foundations and water treatment basin (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored before and during staging of dump trucks, filling of standing water, and work on excavation for vehicle, pedestrian, and utility bridge abutment foundations (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, Cassin’s kingbird, common raven (<i>Corvus corax</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, Mar 04, 2019, 06:56:05 PST
Position: 093.807022° N / 117.986606° W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 330° N30W, 5367mils (True)
Elevation Angle: -06.0°
Horizon Angle: +02.3°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View of canid tracks that appeared over the weekend in western end of Eastern Parcel. Tracks exhibited qualities that indicated they may have been made by a coyote.

Photo 2

Date & Time: Mon, Mar 04, 2019, 09:40:49 PST
Position: 093.807113° N / 117.984922° W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 295° N65W, 5244mils (True)
Elevation Angle: +29.0°
Horizon Angle: -01.3°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View southwest from eastern portion of Eastern Parcel at standing water following heavy rain over the weekend.

Photo 3

Date & Time: Mon, Mar 04, 2019, 12:10:09 PST
 Position: 033.806877°N / 117.986008°W
 Altitude: 72ft
 Datum: WGS-84
 Azimuth/Bearing: 319° N41W 5671mils (True)
 Elevation Angle: +27.5°
 Horizon Angle: -01.8°
 Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View west from eastern end of Eastern Parcel at area where standing water (see Photo 2) has been filled.

Photo 4

Date & Time: Mon, Mar 04, 2019, 13:22:45 PST
 Position: 033.806851°N / 117.987556°W
 Altitude: 50ft
 Datum: WGS-84
 Azimuth/Bearing: 070° N70E 1244mils (True)
 Elevation Angle: +26.4°
 Horizon Angle: -02.6°
 Zoom: 1X

**Location**

SERC – Western Parcel

Description

View southeast from northeast portion of the Western Parcel at ongoing addition of structural fill to utility bridge abutment foundation and water treatment basin excavation work in eastern portion of the Parcel.

Photo 5

Date & Time: Mon. Mar 04, 2019, 13:24:24 PST
 Position: 033.806996° N / 117.987446° W
 Altitude: 64ft
 Datum: WGS-84
 Azimuth/Bearing: 072° N72E 1280mils (True)
 Elevation Angle: +28.3°
 Horizon Angle: -02.4°
 Zoom: 1X



Location	SERC – Western Parcel	Description	View southeast from northeast portion of the Western Parcel at shoring and structural fill work to vehicle bridge abutment foundation in northeast corner of the Parcel.
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Photo 6

Date & Time: Mon. Mar 04, 2019, 13:29:27 PST
 Position: 033.806997° N / 117.986976° W
 Altitude: 83ft
 Datum: WGS-84
 Azimuth/Bearing: 080° N80E 1422mils (True)
 Elevation Angle: +32.3°
 Horizon Angle: -02.0°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southeast across the Stanton Storm Channel from northeast portion of the Western Parcel at shoring being added to the vehicle bridge abutment foundation excavation in northwest corner of the Eastern Parcel.
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Photo 7



Location	SERC – Western Parcel	Description	View south from northeast corner of the Western Parcel at shoring work for the vehicle bridge abutment foundation in northeast corner of the Parcel. Wood ramps were added to the trenching (at left and on far side of worker in white hard hat) to enable wildlife escape.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 5, 2019		Ken Levenstein		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
47 - 66	0 – 5 E to SW	N	Good	Mostly sunny in morning, clouds in afternoon.
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored before and during continued delivery of equipment and materials, work on structural fill for excavation and shoring for vehicle, pedestrian, and utility bridge abutment foundations and water treatment basin (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored before and during staging of bottom-dump trucks, work on excavation for vehicle, pedestrian, and utility bridge abutment foundations, and shoring for vehicle bridge foundation (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, Cassin’s kingbird, common raven (<i>Corvus corax</i>), European starling (<i>Sturnus vulgaris</i>), western meadowlark (<i>Sturnella neglecta</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Western Parcel	Description	View south from northeast corner of the Western Parcel at shoring and structural fill work for vehicle bridge abutment foundation in northeast corner of the Parcel. Note ramps left in trenching overnight for wildlife escape.
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Photo 2



Location	SERC – Eastern Parcel	Description	View west from eastern portion of the Eastern Parcel at bottom-dump trucks waiting to be filled with spoils from excavation work at western end of Parcel.
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Photo 3



Location	SERC – Eastern Parcel	Description	View west from eastern end of the Eastern Parcel at shoring work underway for vehicle bridge abutment foundation. In the background across the Stanton Storm Channel, shoring and fill work for the western terminus of the bridge is underway.
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Photo 4



Location	SERC – Eastern Parcel	Description	View northwest from western portion of the Eastern Parcel at ongoing excavation work. The entire Parcel will be brought down 6 feet and then built back up.
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Photo 5



Location	SERC – Eastern Parcel	Description	Similar view (see Photo 4) 2 hours later, northwest from western portion of the Eastern Parcel, at ongoing excavation and shoring work for the vehicle bridge abutment foundation.
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Photo 6



Location	SERC – Eastern Parcel	Description	View north from western end of the Eastern Parcel at ongoing excavation and shoring work for the vehicle bridge abutment foundation in the northwest corner of the Eastern Parcel.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 6, 2019		Ken Levenstein		06:30-10:30
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
56 - 60	0 – 2 E	Y	Good	Rain
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, compliance with COCs, SWPPP, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, reporting (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. killdeers (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, Cassin’s kingbird, common raven (<i>Corvus corax</i>), European starling (<i>Sturnus vulgaris</i>), western meadowlark (<i>Sturnella neglecta</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Wed, Mar 06, 2019, 06:40:43 PST
Position: 033.807098°N / 117.987662°W
Altitude: -33ft
Datum: WGS-84
Azimuth/Bearing: 050° N50E 0889mils (True)
Elevation Angle: +24.5°
Horizon Angle: -02.8°
Zoom: 1X



Location

SERC – Western Parcel

Description

View south from center portion of the Western Parcel at BMPs in place including ERTEC drain guard with sand bags, silt fence in background.

Photo 2

Date & Time: Wed, Mar 06, 2019, 06:41:04 PST
Position: 033.806736°N / 117.987635°W
Altitude: 84ft
Datum: WGS-84
Azimuth/Bearing: 308° N52W 5476mils (True)
Elevation Angle: +24.6°
Horizon Angle: -05.2°
Zoom: 1X



Location

SERC – Western Parcel

Description

View southwest from center portion of the Western Parcel at front end loader with drip pans underneath to prevent machine fluids from leaking onto the Project.

Photo 3



Location	SERC – Western Parcel	Description	View southwest from center portion of the Western Parcel at security light generator unit with drip pans underneath to prevent machine fluids from leaking onto the Project.
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Photo 4



Location	SERC – Western Parcel	Description	View northwest from center portion of the Western Parcel at cement mixer with drip pans underneath to prevent machine fluids from leaking onto the Project.
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Photo 5



Location	SERC – Western Parcel	Description	View southeast from center portion of the Western Parcel at trash dumpster covered to prevent trash from blowing out and to prevent access by wildlife.
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Photo 6



Location	SERC – Eastern Parcel	Description	View northeast from eastern portion of the Eastern Parcel at trash dumpster covered to prevent trash from blowing out and to prevent access by wildlife.
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Photo 7



Location	SERC – Eastern Parcel	Description	View east from Eastern end of the Eastern Parcel at track-out prevention measures including rock and rumble plates at Project access point and new rock drive visible at right in photo.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 7, 2019		Ken Levenstein		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
52 - 64	0 – 8 SW	Y	Good	Partly cloudy
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, compliance with COCs, SWPPP, receiving of construction materials, build-out of forms for vehicle bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, construction of the vehicle bridge including build-up and compaction of base and addition of shoring, reporting (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, Cassin’s kingbird, common raven (<i>Corvus corax</i>), European starling (<i>Sturnus vulgaris</i>), western meadowlark (<i>Sturnella neglecta</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Thu, Mar 07, 2019, 07:25:57 PST
Position: 033.806746° N / 117.987657° W
Altitude: 84ft
Datum: WGS-84
Azimuth/Bearing: 316° N44W 5618mils (True)
Elevation Angle: +30.9°
Horizon Angle: -01.5°
Zoom: 1X



Location

SERC – Western Parcel

Description

View west from center portion of the Western Parcel at construction materials being received for continued build-out of Project infrastructure.

Photo 2

Date & Time: Thu, Mar 07, 2019, 08:05:00 PST
Position: 033.806890° N / 117.986245° W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 307° N53W 5458mils (True)
Elevation Angle: +29.7°
Horizon Angle: -00.9°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from center portion of the Eastern Parcel at ongoing construction of vehicle bridge.

Photo 3

Location	SERC – Western Parcel	Description	View east-southeast from eastern portion of the Western Parcel at ongoing build-out of forms for construction of vehicle bridge.
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Photo 4

Location	SERC – Eastern Parcel	Description	View east across the Stanton Storm Channel from western end of the Western Parcel at ongoing construction of the vehicle bridge including build-up and compaction of base and addition of shoring.
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Photo 5

Location	SERC – Eastern Parcel	Description	View northwest from western end of the Eastern Parcel at ongoing construction of the vehicle bridge including build-up and compaction of base and addition of shoring.
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Photo 6

Location	SERC – Western Parcel	Description	View east-southeast from eastern portion of the Western Parcel at ongoing build-out of forms for construction of vehicle bridge.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 8, 2019		Ken Levenstein		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
48 - 60	0 – 12 NW to SW	Y	Good	Mostly sunny early, partly sunny afternoon
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, compliance with COCs, SWPPP, receiving of construction related materials, construction of vehicle bridge components, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge including surveying and build-up and compaction of base, reporting (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, Cassin’s kingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Fri, Mar 08, 2019, 10:03:47 PST
Position: 033.806899°N / 117.986526°W
Altitude: 67ft
Datum: WGS-84
Azimuth/Bearing: 321° N39W 5707mils (True)
Elevation Angle: +27.8°
Horizon Angle: -02.8°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from western portion of the Eastern Parcel at ongoing activities related to vehicle bridge construction.

Photo 2

Date & Time: Fri, Mar 08, 2019, 10:06:52 PST
Position: 033.807005°N / 117.986885°W
Altitude: 67ft
Datum: WGS-84
Azimuth/Bearing: 027° N27E 0480mils (True)
Elevation Angle: +24.7°
Horizon Angle: -02.3°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View north from west end of the Eastern Parcel at ongoing activities related to vehicle bridge construction.

Photo 3

Date & Time: Fri, Mar 08, 2019, 10:11:51 PST
Position: 033.807028°N / 117.984950°W
Altitude: 66ft
Datum: WGS-84
Azimuth/Bearing: 081° N81E, 1440mils (True)
Elevation Angle: +27.9°
Horizon Angle: -02.1°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View east from eastern portion of the Eastern Parcel at entrance roadway improvements underway following saturation by recent rains.

Photo 4

Date & Time: Fri, Mar 08, 2019, 10:39:14 PST
Position: 033.806577°N / 117.988260°W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 055° N55E, 0270mils (True)
Elevation Angle: +29.8°
Horizon Angle: -02.6°
Zoom: 1X



Location

SERC – Western Parcel

Description

View east-northeast from center portion of the Western Parcel at ongoing activity related to construction of the vehicle bridge including assembly of bridge components.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 11, 2019		Ken Levenstein		06:00-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
47 - 66	1 – 8 NW	Y	Good	Partly to mostly cloudy
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, compliance with COCs, SWPPP, movement of CONEX containers, build-out of forms for vehicle bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, Cassin’s kingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Mon, Mar 11, 2019, 11:21:42 PDT
Position: 033.806919°N / 117.985433°W
Altitude: 83ft
Datum: WGS-84
Azimuth/Bearing: 063° N63E 1120mils (True)
Elevation Angle: +29.0°
Horizon Angle: -01.1°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View east from eastern portion of the Eastern Parcel at ongoing activities related to Parcel entryway improvements.

Photo 2

Date & Time: Mon, Mar 11, 2019, 11:21:54 PDT
Position: 033.806929°N / 117.985474°W
Altitude: 82ft
Datum: WGS-84
Azimuth/Bearing: 314° N46W 5582mils (True)
Elevation Angle: +27.7°
Horizon Angle: -02.0°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from center portion of the Eastern Parcel at ongoing activities related to vehicle bridge construction.

Photo 3

Date & Time: Mon, Mar 11, 2019, 11:32:54 PDT
Position: 033.806796°N / 117.986246°W
Altitude: 96ft
Datum: WGS-84
Azimuth/Bearing: 311° N49°W 5529mils (True)
Elevation Angle: +30.2°
Horizon Angle: -01.9°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View west from western portion of the Eastern Parcel at ongoing activities related to bridge construction and Parcel excavation.

Photo 4

Date & Time: Mon, Mar 11, 2019, 11:59:13 PDT
Position: 033.806921°N / 117.987340°W
Altitude: 84ft
Datum: WGS-84
Azimuth/Bearing: 058° N58°E 103°mils (True)
Elevation Angle: +26.7°
Horizon Angle: -01.2°
Zoom: 2X

**Location**

SERC – Western Parcel

Description

View east from eastern portion of the Western Parcel at ongoing build-out of forms for vehicle bridge construction.

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

Date	Monitor			Time (Begin-End)
March 12, 2019	Ken Levenstein			06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
52 - 63	0 – 3 ENE	Y	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, compliance with COCs, SWPPP, minor excavations work to repair roadway surface, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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">• None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none">• Killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Did not see American kestrels (<i>Falco sparverius</i>) or Cassin's kingbirds (<i>Tyrannus vociferans</i>) today.• Many painted lady butterflies (<i>Vanessa cardui</i>) migrating north through the Project today. <p>Other Observations/Comments:</p> <ul style="list-style-type: none">• No project personnel/equipment-wildlife interactions occurred.				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none">• No specific items to follow up on. Monitoring of work will continue during Project construction activities.				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, western meadowlark (<i>Sturnella neglecta</i>), European starling (<i>Sturnus vulgaris</i>), white-crowned sparrow (<i>Zonotrichia leucophrys</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Tue, Mar 12, 2019, 09:16:37 PDT
Position: 033.807000°N / 117.986529°W
Altitude: 72ft
Datum: WGS-84
Azimuth/Bearing: 306° N54W 5440mils (True)
Elevation Angle: +27.5°
Horizon Angle: -03.8°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from western portion of the Eastern Parcel at ongoing activities related to vehicle bridge construction.

Photo 2

Date & Time: Tue, Mar 12, 2019, 09:25:45 PDT
Position: 033.806985°N / 117.985230°W
Altitude: 71ft
Datum: WGS-84
Azimuth/Bearing: 299° N61W 5316mils (True)
Elevation Angle: +30.2°
Horizon Angle: -01.4°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from center portion of the Eastern Parcel at large spoils pile scheduled for removal tomorrow (March 13).

Photo 3

Date & Time: Tue, Mar 12, 2019, 09:45:56 PDT
Position: 033.806987°N / 117.986968°W
Altitude: 98ft
Datum: WGS-84
Azimuth/Bearing: 076° N76E 1351mils (True)
Elevation Angle: +29.8°
Horizon Angle: -01.6°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View south-southeast from eastern end of the Western Parcel across Stanton Storm Channel at workers building forms for bridge construction.

Photo 4

Date & Time: Tue, Mar 12, 2019, 09:46:08 PDT
Position: 033.806987°N / 117.986968°W
Altitude: 92ft
Datum: WGS-84
Azimuth/Bearing: 293° N67W 5209mils (True)
Elevation Angle: +29.9°
Horizon Angle: -01.9°
Zoom: 1X

**Location**

SERC – Western Parcel

Description

View southwest from eastern end of the Western Parcel at forms under construction for vehicle bridge construction. A tarp was placed over vehicle bridge shoring to protect the compacted base from rain.

Photo 5

Date & Time: Tue, Mar 12, 2019, 11:28:38 PDT
 Position: 033.806713°N / 117.986077°W
 Altitude: 75ft
 Datum: WGS-84
 Azimuth/Bearing: 325° N35W 5778mils (True)
 Elevation Angle: +26.2°
 Horizon Angle: -01.8°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from western portion of the Eastern Parcel at ongoing activities related to excavation of the Parcel (paleontological, archeological, and Native American monitors in foreground).

Photo 6

Date & Time: Tue, Mar 12, 2019, 11:33:22 PDT
 Position: 033.811484°N / 117.991425°W
 Altitude: 63ft
 Datum: WGS-84
 Azimuth/Bearing: 058° N58E 1031mils (True)
 Elevation Angle: +26.2°
 Horizon Angle: -02.7°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View east from center portion of the Eastern Parcel towards Dale Avenue entrance gate. At right is a large spoils pile scheduled for removal tomorrow (March 13).

Photo 7

Date & Time: Tue, Mar 12, 2019, 13:12:41 PDT
Position: 033.813653°N / 117.993932°W
Altitude: 67ft
Datum: WGS-84
Azimuth/Bearing: 064° N64E 1138mils (True)
Elevation Angle: +29.4°
Horizon Angle: -02.4°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View east from western portion of the Eastern Parcel at ongoing excavation of the Parcel.

Photo 8

Date & Time: Tue, Mar 12, 2019, 13:13:05 PDT
Position: 033.806796°N / 117.986648°W
Altitude: 84ft
Datum: WGS-84
Azimuth/Bearing: 014° N14E 0249mils (True)
Elevation Angle: +30.1°
Horizon Angle: -00.9°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View north from western portion of the Eastern Parcel towards perimeter fence in background and contractors working on shoring for the vehicle bridge foundation.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 13, 2019		Ken Levenstein		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
51 - 64	0 – 8 SW	N	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, compliance with COCs, SWPPP, receiving of materials for bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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"> • None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. • Many painted lady butterflies (<i>Vanessa cardui</i>) migrating north through the Project yesterday and today. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, Cassin’s kingbird, western meadowlark (<i>Sturnella neglecta</i>), European starling (<i>Sturnus vulgaris</i>), white-crowned sparrow (<i>Zonotrichia leucophrys</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Wed, Mar 13, 2019, 09:15:38 PDT
Position: 033.806843°N / 117.987459°W
Altitude: 77ft
Datum: WGS-84
Azimuth/Bearing: 313° N47W 5564mils (True)
Elevation Angle: +27.8°
Horizon Angle: -02.4°
Zoom: 1X



Location	SERC – Western Parcel	Description	View west from center portion of the Western Parcel at receiving of materials (shoring, rebar, etc.) for bridge construction.
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Photo 2

Date & Time: Wed, Mar 13, 2019, 10:36:57 PDT
Position: 033.806896°N / 117.986576°W
Altitude: 78ft
Datum: WGS-84
Azimuth/Bearing: 317° N43W 5636mils (True)
Elevation Angle: +27.2°
Horizon Angle: -03.2°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View south-southwest from center portion of the Eastern Parcel at flatbed truck loaded with rebar for bridge construction.
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Photo 3

Date & Time: Wed, Mar 13, 2019, 10:37:07 PDT
Position: 033.806878°N / 117.986552°W
Altitude: 76ft
Datum: WGS-84
Azimuth/Bearing: 313° N47W 5564mils (True)
Elevation Angle: +29.0°
Horizon Angle: -01.4°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from western end of the Western Parcel at ongoing bridge construction activities.

Photo 4

Date & Time: Wed, Mar 13, 2019, 12:48:57 PDT
Position: 033.807011°N / 117.986446°W
Altitude: 76ft
Datum: WGS-84
Azimuth/Bearing: 109°21'S88E 1636mils (True)
Elevation Angle: +22.2°
Horizon Angle: -02.6°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southeast at excavation of deep foundation for ammonia tank. This is as deep as excavation will go onsite.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 14, 2019		Jake Ashford		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
56 - 72	3 – 13 W	N	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, compliance with COCs, SWPPP, receiving of materials for bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) still “on territory,” Eastern and Western Parcels. Killdeer (<i>Charadrius vociferus</i>) present adjacent to and just north of Eastern Parcel on SCE lot. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs not observed together, likely due to high winds. Painted lady butterflies (<i>Vanessa cardui</i>) migrating north through the Project site. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), mockingbird, Cassin’s kingbird, western meadowlark (<i>Sturnella neglecta</i>), European starling (<i>Sturnus vulgaris</i>), white-crowned sparrow (<i>Zonotrichia leucophrys</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), Allen’s hummingbird (<i>Selasphorus sasin</i>).</p>				

Photo 1

Location	SERC – Eastern Parcel	Description	View west from eastern portion of the Eastern Parcel at loading and hauling of fill material.
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Photo 2

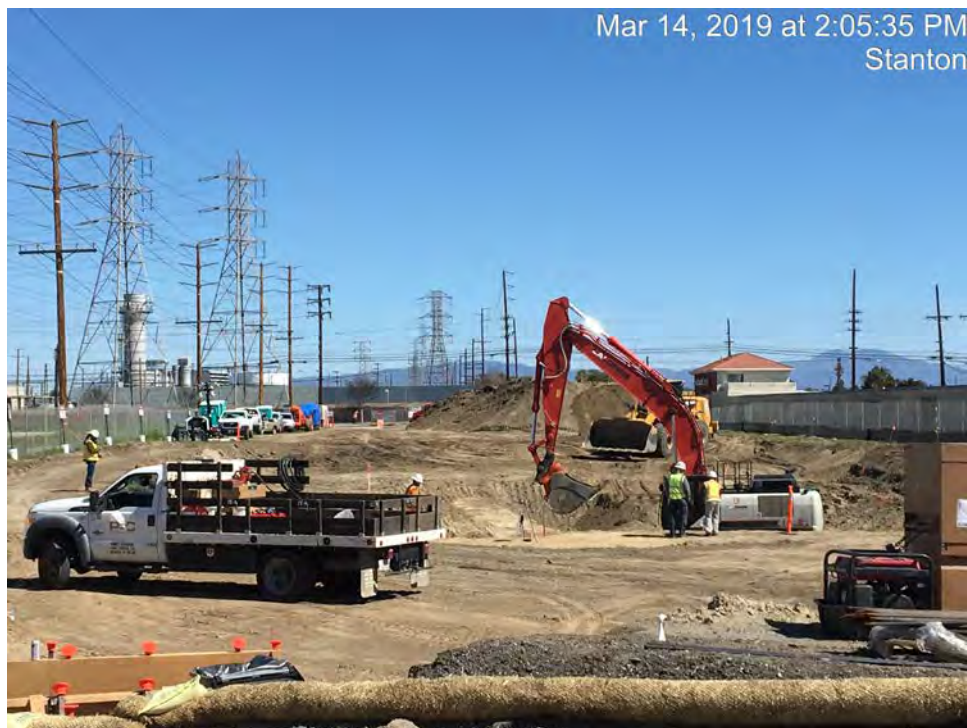
Location	SERC – Eastern Parcel	Description	View southwest from center portion of the Eastern Parcel at continued excavation activities.
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Photo 3



Location	SERC – Western Parcel	Description	View south from eastern end of the Western Parcel at ongoing bridge construction activities.
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Photo 4



Location	SERC – Eastern Parcel	Description	View southeast at continued excavation and grading activities.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 15, 2019		Jake Ashford		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
58 - 76	3 – 8 W	N	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, compliance with COCs, SWPPP, receiving of materials for bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrels (<i>Falco sparverius</i>) not observed on site today. Killdeer (<i>Charadrius vociferus</i>) present north and south of Eastern Parcel on adjacent property. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs not observed together, likely due to high winds. Painted lady butterflies (<i>Vanessa cardui</i>) migrating north through the Project site. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), mockingbird, Cassin’s kingbird, western meadowlark (<i>Sturnella neglecta</i>), European starling (<i>Sturnus vulgaris</i>), white-crowned sparrow (<i>Zonotrichia leucophrys</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View south from northwest portion of the Eastern Parcel at continued excavation activities.
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Photo 2



Location	SERC – Western Parcel	Description	View north from eastern portion of the western Parcel at continued bridge construction activities.
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Photo 3



Location	SERC – Eastern Parcel	Description	View south from western portion of the Eastern Parcel at excavation and grading activities.
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Photo 4



Location	SERC – Eastern Parcel	Description	View southeast from northwest portion of Eastern Parcel at continued excavation and grading activities.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 18, 2019		Ken Levenstein		06:30-15:15
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
55 - 76	0 – 6 SSW	N	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, compliance with COCs, SWPPP, receiving of materials for bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> First neotropical migrant songbird arrived onsite, western kingbird (<i>Tyrannus verticalis</i>). Killdeers (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel on SCE lot as well as along railroad tracks adjacent to and south of the Eastern Parcel. Northern mockingbird (<i>Mimus polyglottos</i>) seen carrying nest building material on far side of the SCE lot adjacent to and north of Western Parcel. The nest is not visible from the Project. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. American kestrels (<i>Falco sparverius</i>) may have been wintering birds and have not been seen for a number of days. Painted lady butterflies (<i>Vanessa cardui</i>) migrating north through the Project and being preyed upon by Cassin's kingbirds. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: Canada goose (<i>Branta canadensis</i>), killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), northern mockingbird, western kingbird, Cassin's kingbird, barn swallow (<i>Hirundo rustica</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), lesser goldfinch (<i>Carduelis psaltria</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Mon, Mar 18, 2019, 07:52:31 PDT
Position: 033.806949°N / 117.985968°W
Altitude: 77ft
Datum: WGS-84
Azimuth/Bearing: 097° S83E 1724mils (True)
Elevation Angle: +32.8°
Horizon Angle: -01.6°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View southeast from center portion of the Eastern Parcel at excavator loading dump truck from spoils pile.

Photo 2

Date & Time: Mon, Mar 18, 2019, 07:52:38 PDT
Position: 033.806949°N / 117.985968°W
Altitude: 77ft
Datum: WGS-84
Azimuth/Bearing: 300° N60W 5333mils (True)
Elevation Angle: +28.0°
Horizon Angle: -02.0°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View west-southwest from center portion of the Eastern Parcel at ongoing work on bed of ammonia pit in center of photo and on vehicle bridge construction in right rear of photo.

Photo 3

Location	SERC – Eastern Parcel	Description	View south from center portion of the Eastern Parcel at ongoing work on bed of ammonia pit.
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Photo 4

Location	SERC – Western Parcel	Description	View northeast from northeastern portion of Western Parcel at ongoing vehicle bridge construction work (building of forms, installation of rebar).
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Photo 5

Date & Time: Mon, Mar 18, 2019, 10:07:34 PDT
 Position: 033.806969°N / 117.986790°W
 Altitude: 68ft
 Datum: WGS-84
 Azimuth/Bearing: 307° N53W 5458mils (True)
 Elevation Angle: +24.3°
 Horizon Angle: -02.4°
 Zoom: 1X



Location

SERC – Western Parcel

Description

Another view (southwest) from northeastern portion of Western Parcel at ongoing vehicle bridge construction work (building of forms, installation of rebar).

Photo 6

Date & Time: Mon, Mar 18, 2019, 11:31:04 PDT
 Position: 033.806810°N / 117.986913°W
 Altitude: 74ft
 Datum: WGS-84
 Azimuth/Bearing: 026° N26E 0462mils (True)
 Elevation Angle: +21.9°
 Horizon Angle: -03.2°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View north from northwestern portion of Eastern Parcel at ongoing vehicle bridge construction work (building of forms, installation of rebar).

Photo 7



Location	SERC – Eastern Parcel	Description	View east from western end of the Eastern Parcel at ongoing excavation activities.
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Photo 8



Location	SERC – Eastern Parcel	Description	View northeast from center portion of the Eastern Parcel at excavator loading dump truck from spoils pile. Spoils pile has been significantly reduced in size by a nearly constant parade of dump trucks during today's activities.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 19, 2019		Jake Ashford		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (Y/N)	Visibility	Weather Comment
58 - 68	1 – 3 S	N	Fair/Good	Foggy/Partly Cloudy
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, compliance with COCs, SWPPP, receiving of materials for bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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"> None. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrel (<i>Falco sparverius</i>) observed foraging on SCE property adjacent to Project. Killdeer (<i>Charadrius vociferus</i>) present north and south of Eastern Parcel on adjacent property. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots. Cassin's kingbird (<i>Tyrannus vociferans</i>) observed on SCE property adjacent to Project. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), mockingbird, Cassin's kingbird, American Kestrel, western meadowlark (<i>Sturnella neglecta</i>), European starling (<i>Sturnus vulgaris</i>), white-crowned sparrow (<i>Zonotrichia leucophrys</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southwest from north portion of the Eastern Parcel at continued dirt moving and hauling activities.
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Photo 2



Location	SERC – Eastern Parcel	Description	View southeast from northern portion of the eastern Parcel at concrete pouring activities.
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Photo 3



Location	SERC – Eastern Parcel	Description	View west from northwest portion of the Eastern Parcel at continued vehicle bridge foundation pouring.
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Photo 4



Location	SERC – Eastern Parcel	Description	View southwest from north portion of Eastern Parcel at continued excavation and grading activities.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
March 20, 2019					Ken Levenstein		06:30 - 15:00	
Temperature (°F)		Wind (mph)		Precipitation (Y/N)	Visibility	Weather Comment		
58 - 66		0 – 7 SE		N	Good	Partly cloudy		
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, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, receiving of materials for bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • Killdeer (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel on SCE lot as well as along railroad tracks adjacent to and south of the Eastern Parcel. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. American kestrels (<i>Falco sparverius</i>) may have initiated nesting nearby, they are much less visible. • Painted lady butterflies (<i>Vanessa cardui</i>) still migrating north through the Project and being preyed upon by Cassin's kingbirds. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No project personnel/equipment-wildlife interactions occurred. 								
Items Requiring Action/Follow-up								
<ul style="list-style-type: none"> • No specific items to follow up on. Monitoring of work will continue during Project construction activities. 								
Wildlife Species Observed:								
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), western gull (<i>Larus occidentalis</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>), western kingbird (<i>Tyrannus verticalis</i>), Cassin's kingbird, black phoebe (<i>Sayornis nigricans</i>), barn swallow (<i>Hirundo rustica</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 western portion of the Eastern Parcel at ongoing excavation work. Ammonia tank foundation visible at right of photo.
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Photo 2



Location	SERC – Eastern Parcel	Description	View west from western portion of the Eastern Parcel at beginning of work to remove shoring from vehicle bridge foundation concrete.
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Photo 3



Location	SERC – Eastern Parcel	Description	View west-southwest from western portion of the Eastern Parcel at work to remove shoring from vehicle bridge foundation concrete.
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Photo 4



Location	SERC – Eastern Parcel	Description	Closer view west from western portion of the Eastern Parcel at final piece of shoring being moved by forklift following removal from vehicle bridge foundation concrete.
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Photo 5

Date & Time: Wed, Mar 20, 2019, 11:21:07 PDT
 Position: 033.806997° N / 117.986633° W
 Altitude: 71ft
 Datum: WGS-84
 Azimuth/Bearing: 309° N51W 5493mils (True)
 Elevation Angle: +26.0°
 Horizon Angle: -05.0°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	Another view (southwest) from northwestern portion of Eastern Parcel at vehicle bridge foundation concrete following removal of shoring. Shoring visible in background on Western Parcel portion of vehicle bridge.
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Photo 6

Date & Time: Wed, Mar 20, 2019, 11:21:25 PDT
 Position: 033.806985° N / 117.986623° W
 Altitude: 67ft
 Datum: WGS-84
 Azimuth/Bearing: 071° N71E 1262mils (True)
 Elevation Angle: +27.2°
 Horizon Angle: -04.9°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southeast from northwestern portion of Eastern Parcel at ongoing excavation work.
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Photo 7

Date & Time: Wed, Mar 20, 2019, 13:00:40 PDT
Position: 033.806949°N / 117.987127°W
Altitude: 70ft
Datum: WGS-84
Azimuth/Bearing: 054° N54E 0996mils (True)
Elevation Angle: +29.1°
Horizon Angle: -02.5°
Zoom: 1X



Location

SERC – Western Parcel

Description

View east from eastern end of the Western Parcel at poured concrete of vehicle bridge foundation with shoring and forms still in place.

Photo 8

Date & Time: Wed, Mar 20, 2019, 14:07:30 PDT
Position: 033.806898°N / 117.986379°W
Altitude: 81ft
Datum: WGS-84
Azimuth/Bearing: 069° N69E 1227mils (True)
Elevation Angle: +26.3°
Horizon Angle: -02.0°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southeast from northwestern portion of Eastern Parcel at ongoing excavation work.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 21, 2019		Jake Ashford		06:30-15:00
Temperature (°F)	Wind (mph)	Precipitation (depth)	Visibility	Weather Comment
50 - 65	1 – 3 S	0.5 inch	Good	Partly Cloudy
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, compliance with COCs, SWPPP, receiving of materials for bridge construction, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge and Parcel excavation, reporting (see Photos in 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"> Mourning dove (<i>Zenaida macroura</i>) pairs observed adjacent to the property showing interest in potential nesting locations. Northern mockingbird (<i>Mimus polyglottos</i>) pair still present adjacent to and just north of Western and Eastern Parcels on SCE lots, possibly nesting in the adjacent property. No nest observed. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> American kestrel (<i>Falco sparverius</i>) observed foraging on SCE property adjacent to Project. Killdeers (<i>Charadrius vociferus</i>) present north and south of Eastern Parcel on adjacent property. Cassin’s kingbird (<i>Tyrannus vociferans</i>) observed on SCE property adjacent to Project. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove, rock pigeon (<i>Columba livia</i>), mockingbird, Cassin’s kingbird, American Kestrel, western meadowlark (<i>Sturnella neglecta</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>) black phoebe (<i>Sayornis nigricans</i>).</p>				

Photo 1



Location	SERC – Western Parcel	Description	View northeast from Eastern Parcel at power washing of concrete foundation.
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Photo 2



Location	SERC – Western Parcel	Description	View north from the Western Parcel at shore piling removal from vehicle bridge foundation.
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Photo 3



Location	SERC – Eastern Parcel	Description	View southeast from north portion of Western Parcel at removal and implementation of temporary fencing.
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Photo 4



Location	SERC – Eastern Parcel	Description	View west of Western Parcel at clearing of vehicle bridge foundation.
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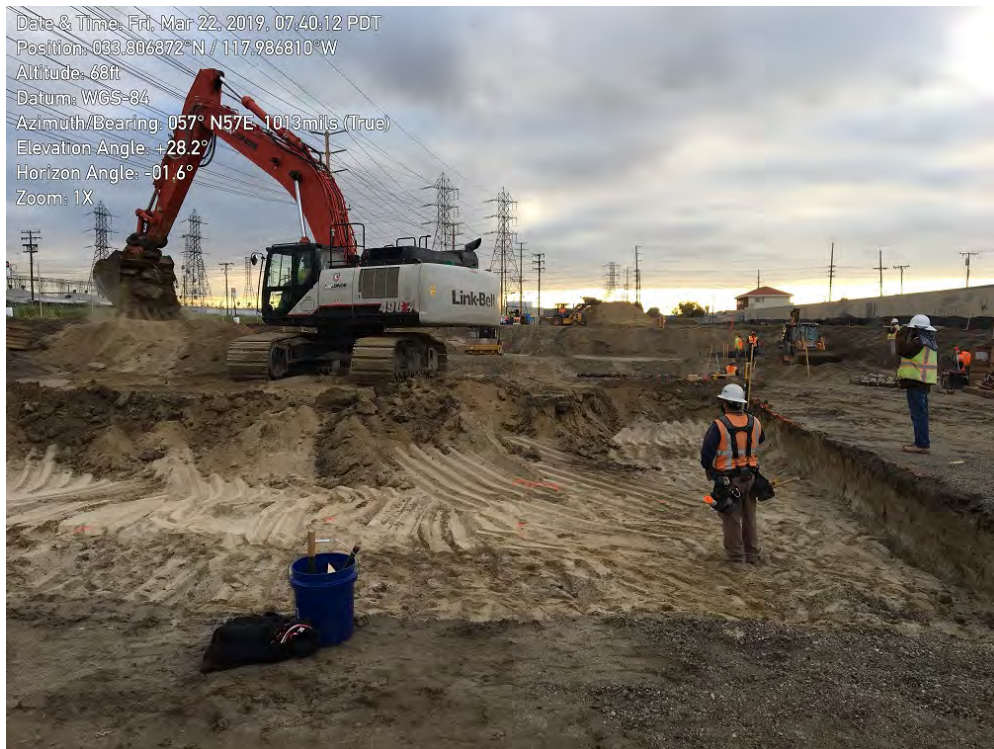
Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 22, 2019		Ken Levenstein		06:30 - 15:25
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
50 - 65	0 – 3 NW	0.0 inches	Good	Partly cloudy
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, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing bridge construction activities, movement and installation of wall plates, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing activities related to construction of the vehicle bridge and Parcel excavation, movement and installation of wall plates, reporting (see Photos in 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"> • None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • Killdeer (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel on SCE lot as well as along railroad tracks adjacent to and south of the Eastern Parcel. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. American kestrels (<i>Falco sparverius</i>) may have initiated nesting nearby, they are much less visible. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), western gull (<i>Larus occidentalis</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>), Cassin's kingbird, western kingbird (<i>Tyrannus verticalis</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), yellow-rumped warbler (<i>Setophaga coronata</i>), house finch (<i>Haemorhous mexicanus</i>), western meadowlark (<i>Sturnella neglecta</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View northeast from western end of the Eastern Parcel at ongoing vehicle bridge foundation work.
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Photo 2



Location	SERC – Eastern Parcel	Description	View east from western portion of the Eastern Parcel at ongoing Parcel excavation work.
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Photo 3

Date & Time: Fri, Mar 22, 2019, 08:19:45 PDT
Position: 033.806879° N / 117.984959° W
Altitude: 77ft
Datum: WGS-84
Azimuth/Bearing: 309° N51W 5493mils (True)
Elevation Angle: +29.5°
Horizon Angle: -01.8°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west from eastern portion of the Eastern Parcel at spoils pile that has increased in size again (following removal to landfill) as a result of ongoing Parcel excavation work.
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Photo 4

Date & Time: Fri, Mar 22, 2019, 08:34:05 PDT
Position: 033.807016° N / 117.987209° W
Altitude: 79ft
Datum: WGS-84
Azimuth/Bearing: 073° N73E 1298mils (True)
Elevation Angle: +28.9°
Horizon Angle: -00.5°
Zoom: 1X



Location	SERC – Western Parcel	Description	View southeast from northeastern portion of the Western Parcel at material being maneuvered into place for ongoing construction of the vehicle bridge foundation.
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Photo 5



Location	SERC – Western Parcel	Description	View east from eastern end of the Western Parcel at ongoing construction of the vehicle bridge foundation.
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Photo 6



Location	SERC – Eastern Parcel	Description	View west from center portion of Eastern Parcel at ongoing Parcel excavation work and addition of forms for construction of the ammonia storage tank (visible at left-center of photo).
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Photo 7



Location	SERC – Eastern Parcel	Description	View east from western portion of the Eastern Parcel at work on construction of the ammonia storage tank foundation.
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Photo 8



Location	SERC – Eastern Parcel	Description	View southeast from northwestern portion of Eastern Parcel at ongoing excavation work.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 25, 2019		Ken Levenstein		06:30 - 15:25
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
52 - 76	0 – 6 SE - SW	0.0 inches	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, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing bridge construction activities, pouring concrete, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing activities related to construction of the vehicle bridge and Parcel excavation, pouring concrete, reporting (see Photos in 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"> None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Killdeers (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel on SCE lot as well as along railroad tracks adjacent to and south of the Eastern Parcel. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, western gull (<i>Larus occidentalis</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>), Cassin's kingbird, barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), , house finch (<i>Haemorhous mexicanus</i>), western meadowlark (<i>Sturnella neglecta</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Mon, Mar 25, 2019, 07:48:03 PDT
 Position: 033.806726°N / 117.986004°W
 Altitude: 70ft
 Datum: WGS-84
 Azimuth/Bearing: 327° N33W 5813mils (True)
 Elevation Angle: +29.5°
 Horizon Angle: -03.1°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west from central portion of the Eastern Parcel at ongoing Parcel excavation related work.
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Photo 2

Date & Time: Mon, Mar 25, 2019, 07:56:29 PDT
 Position: 033.806982°N / 117.986898°W
 Altitude: 77ft
 Datum: WGS-84
 Azimuth/Bearing: 326° N34W 5796mils (True)
 Elevation Angle: +32.2°
 Horizon Angle: -02.4°
 Zoom: 1X



Location	SERC – Western Parcel	Description	View northwest across Stanton Storm Channel from west end of the Eastern Parcel at forklift and man on the ground (not visible) maneuvering wall plate form into place prior to pouring concrete.
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Photo 3

Date & Time: Mon, Mar 25, 2019, 08:00:13 PDT
Position: 033.806586°N / 117.986262°W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 326° N34W 5796mils (True)
Elevation Angle: +26.0°
Horizon Angle: -01.8°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west from central portion of the Eastern Parcel at surveyors delineating area where concrete will be poured. Worker in foreground is tamping the base prior to pouring of concrete.
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Photo 4

Date & Time: Mon, Mar 25, 2019, 08:28:07 PDT
Position: 033.806783°N / 117.985931°W
Altitude: 80ft
Datum: WGS-84
Azimuth/Bearing: 317° N43W 5636mils (True)
Elevation Angle: +31.8°
Horizon Angle: -00.8°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west from central portion of the Eastern Parcel at concrete pump truck operator readying booms for pouring.
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Photo 5

Date & Time: Mon, Mar 25, 2019, 08:29:37 PDT
Position: 033.806939°N / 117.984828°W
Altitude: 70ft
Datum: WGS-84
Azimuth/Bearing: 288° N72W 5120mils (True)
Elevation Angle: +31.5°
Horizon Angle: -02.0°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from eastern portion of the Eastern Parcel at gravel and spoils piles.
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Photo 6

Date & Time: Mon, Mar 25, 2019, 10:39:07 PDT
Position: 033.806846°N / 117.986128°W
Altitude: 79ft
Datum: WGS-84
Azimuth/Bearing: 321° N39W 5707mils (True)
Elevation Angle: +24.9°
Horizon Angle: -02.1°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from center portion of Eastern Parcel at ongoing Parcel excavation work. Newly poured concrete visible at left of photo. Trench visible in right foreground had a wildlife exit ramp installed as it was not filled or covered by end of workday.
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Photo 7

Date & Time: Mon, Mar 25, 2019, 10:58:57 PDT
Position: 033.806858°N / 117.987020°W
Altitude: 56ft
Datum: WGS-84
Azimuth/Bearing: 317° N43W 5636mils (True)
Elevation Angle: +34.4°
Horizon Angle: -02.0°
Zoom: 1X



Location	SERC – Western Parcel	Description	View west across Stanton Storm Channel from west end of the Eastern Parcel at concrete pump truck operator readying booms for pouring.
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Photo 8

Date & Time: Mon, Mar 25, 2019, 11:02:47 PDT
Position: 033.806933°N / 117.987331°W
Altitude: 73ft
Datum: WGS-84
Azimuth/Bearing: 065° N65E 1156mils (True)
Elevation Angle: +31.2°
Horizon Angle: -03.7°
Zoom: 1X



Location	SERC – Western Parcel	Description	View east from eastern portion of the Western Parcel at concrete pump truck booms ready for pouring .
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 26, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
51 - 73	0 – 4 SE - SW	0.0 inches	Good	Partly 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, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation, excavation, reporting (see Photos in 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"> None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Killdeers (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel on building roofs, SCE lot, and along railroad tracks and building roofs adjacent to and south of the Eastern Parcel. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. Have only seen the male American kestrel (<i>Falco sparverius</i>) within the last week. Red-tailed hawk (<i>Buteo jamaicensis</i>) pair still present; seen circling overhead and perched on transmission towers east of Project. Northern mockingbird (<i>Mimus polyglottos</i>) pairs nesting nearby; nests not visible. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: Canada goose (<i>Branta canadensis</i>), killdeer, red-tailed hawk, American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern rough-winged swallow (<i>Stelgidopteryx serripennis</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), western meadowlark (<i>Sturnella neglecta</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1**Location**

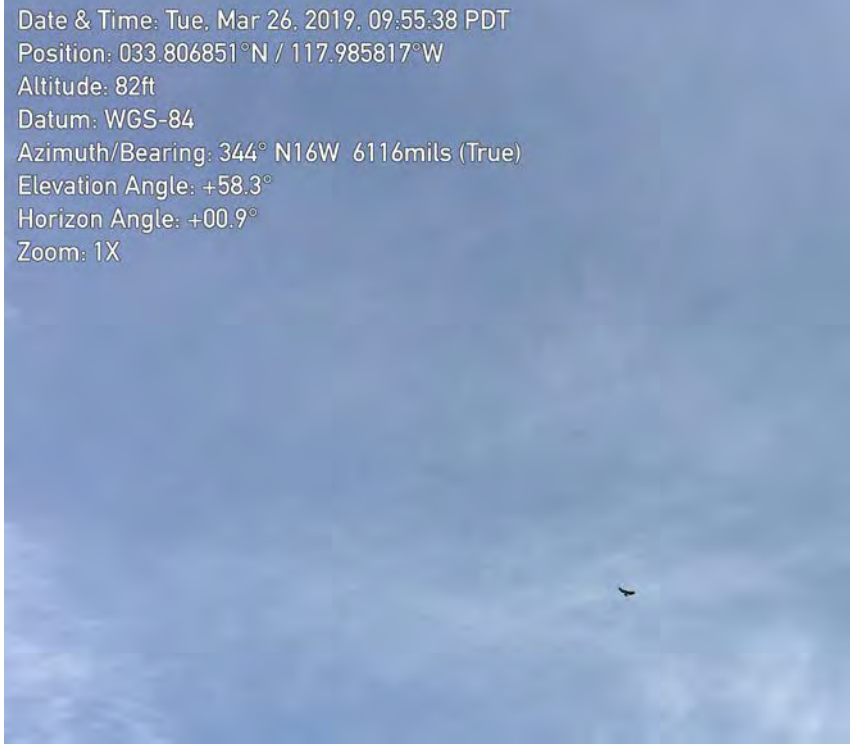
SERC – Eastern Parcel

Description

View west-southwest from central portion of the Eastern Parcel at ongoing Parcel excavation related work. At right in photo are workers repairing silt fence.

Photo 2

Date & Time: Tue, Mar 26, 2019, 09:55:38 PDT
Position: 033.806851°N / 117.985817°W
Altitude: 82ft
Datum: WGS-84
Azimuth/Bearing: 344° N16W 6116mils (True)
Elevation Angle: +58.3°
Horizon Angle: +00.9°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View above from central portion of the Eastern Parcel at one of a pair of resident red-tailed hawks.

Photo 3

Date & Time: Tue, Mar 24, 2019, 10:03:13 PDT
Position: 033.807079°N / 117.986430°W
Altitude: 73ft
Datum: WGS-84
Azimuth/Bearing: 281° N79W 4996mils (True)
Elevation Angle: +27.1°
Horizon Angle: -02.7°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from western portion of the Eastern Parcel at work to build up base after over-excavating. The process creates a more stable foundation for structural components and infrastructure added later. The water truck is engaged in dust suppression.

Photo 4

Date & Time: Tue, Mar 24, 2019, 10:23:52 PDT
Position: 033.806631°N / 117.986957°W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 045° N45E 0800mils (True)
Elevation Angle: +20.6°
Horizon Angle: -02.3°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View east from southwest corner of the Eastern Parcel at ongoing work related to excavation.

Photo 5



Location	SERC – Western Parcel	Description	View north from eastern end of the Western Parcel at workers tamping down the base layer that was just added.
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Photo 6



Location	SERC – Eastern Parcel	Description	View southwest from western portion of the Eastern Parcel at the ongoing process of building up the foundation after over-excavating. Another layer of base (visible in foreground) is being added on top of geogrid (or geo-mat).
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Photo 7



Location	SERC – Eastern Parcel	Description	Another view (east in this photo) from western end of the Eastern Parcel at another layer of base being added by front end loader to top of geogrid (or geo-mat).
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Photo 8



Location	SERC – Western Parcel	Description	View north-northeast from eastern end of the Western Parcel at workers engaged in construction of forms for pouring of concrete.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 27, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
56 - 69	0 – 8 SW	0.0 inches	Good	Partly cloudy 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, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, excavation, reporting (see Photos in 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"> None <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Killdeers (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel on building roofs, SCE lot, and along railroad tracks and building roofs adjacent to and south of the Eastern Parcel. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. American kestrel (<i>Falco sparverius</i>) male and female harassed one of the red-tailed hawk (<i>Buteo jamaicensis</i>) pair when it landed on a transmission tower just north of the Western Parcel; they succeeded in chasing it away to the northeast. Northern mockingbird (<i>Mimus polyglottos</i>) pairs nesting nearby; nests not visible. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk, American kestrel, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), western meadowlark (<i>Sturnella neglecta</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View east from western end of the Eastern Parcel at ongoing Parcel excavation and foundation stabilization related work. Workers at right in background are building forms for concrete pouring.
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Photo 2



Location	SERC – Eastern Parcel	Description	View east-northeast from western end of the Eastern Parcel at surveyor checking elevation for loader adding a layer of base for the Parcel infrastructure foundation.
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Photo 3



Location	SERC – Eastern Parcel	Description	View north-northeast from western end of the Eastern Parcel at inspectors checking on the vehicle bridge foundation and forms work.
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Photo 4



Location	SERC – Western Parcel	Description	View northwest from southeast corner of the Western Parcel at loader adding a layer of base for the Parcel infrastructure foundation.
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Photo 5

Date & Time: Wed, Mar 27, 2019, 08:07:49 PDT
 Position: 033.806799°N / 117.987117°W
 Altitude: 64ft
 Datum: WGS-84
 Azimuth/Bearing: 036° N36E, 0676mils (True)
 Elevation Angle: +26.0°
 Horizon Angle: -02.9°
 Zoom: 1X



Location	SERC – Western Parcel	Description	View north-northeast from eastern end of the Western Parcel at workers constructing concrete forms for the vehicle bridge foundation.
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Photo 6

Date & Time: Wed, Mar 27, 2019, 10:21:11 PDT
 Position: 033.806693°N / 117.985993°W
 Altitude: 78ft
 Datum: WGS-84
 Azimuth/Bearing: 319° N41W 5671mils (True)
 Elevation Angle: +23.9°
 Horizon Angle: -01.6°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west-northwest from central portion of the Eastern Parcel at workers building concrete forms and ductwork infrastructure. Trench in foreground still has wildlife exit ramp (at right) put in place at the end of work on the previous day.
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Photo 7

Date & Time: Wed, Mar 27, 2019, 10:31:35 PDT
Position: 033.807095°N / 117.985742°W
Altitude: 82ft
Datum: WGS-84
Azimuth/Bearing: 111° S69E 1973mils (True)
Elevation Angle: +29.8°
Horizon Angle: -02.9°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View south from central portion of the Eastern Parcel at water truck operator engaged in dust suppression work.

Photo 8

Date & Time: Wed, Mar 27, 2019, 13:53:00 PDT
Position: 033.806653°N / 117.987177°W
Altitude: 46ft
Datum: WGS-84
Azimuth/Bearing: 043° N43E 0764mils (True)
Elevation Angle: +30.4°
Horizon Angle: -02.8°
Zoom: 1X



Location

SERC – Western Parcel

Description

View northeast from eastern end of the Western Parcel at workers constructing concrete forms for the vehicle bridge foundation. Visible across the Stanton Storm Channel, a forklift is lifting a large section of the vehicle bridge foundation concrete forms into place.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 28, 2019		Jake Ashford		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
56 - 70	3 – 7 SW	0.0 inches	Good	Partly cloudy 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, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, excavation, reporting (see Photos in 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"> Red-tailed hawk (<i>Buteo jamaicensis</i>) observed carrying nesting material but continued away from project site. Northern mockingbird (<i>Mimus polyglottos</i>) pairs nesting nearby; nests not visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Killdeer (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel on building roofs, SCE lot, and along railroad tracks and building roofs adjacent to and south of the Eastern Parcel. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorrhous mexicanus</i>), western meadowlark (<i>Sturnella neglecta</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Western Parcel	Description	View of vegetation removal activities along the northern boundary of the Western Parcel.
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Photo 2



Location	SERC – Eastern Parcel	Description	View south of ground disturbing activities in the middle portion of the Eastern Parcel.
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Photo 3



Location	SERC – Western Parcel	Description	View northwest of foundation laying activities in the eastern portion of the Western Parcel.
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Photo 4



Location	SERC – Eastern Parcel	Description	View southwest of foundation laying activities in the southwest corner of the Eastern Parcel.
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Photo 5



Location	SERC – Eastern Parcel	Description	View north of construction activities preparing for foundation laying along the western border of the Eastern Parcel.
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Photo 6



Location	SERC – Western Parcel	Description	View north of concrete pouring and leveling activities in the eastern portion of the Western Parcel.
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Photo 7



Location	SERC – Eastern Parcel	Description	View east at water truck operator engaged in dust suppression work.
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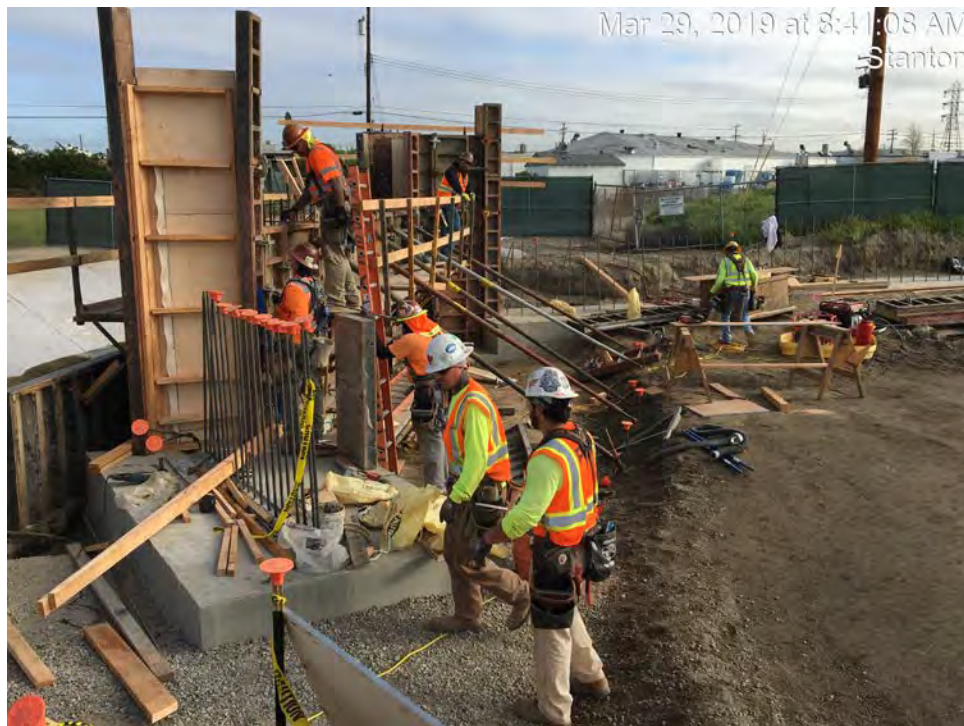
Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
March 29, 2019		Jake Ashford		06:30 - 16:45
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
56 - 78	0 – 5 SW	0.0 inches	Good	Partly cloudy to 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, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, surveyed church parking lot and surrounding area for nesting activity, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, excavation, reporting (see Photos in 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"> Northern mockingbird (<i>Mimus polyglottos</i>) pairs nesting nearby; nests not visible. Killdeer (<i>Charadrius vociferus</i>) showing interest in SCE Parcel north of Parcel 1 (Eastern Parcel). Various species observed collecting nesting material from project vicinity. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Killdeers present adjacent to and north of Eastern Parcel on building roofs, SCE lot, and along railroad tracks and building roofs adjacent to and south of the Eastern Parcel. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), western meadowlark (<i>Sturnella neglecta</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



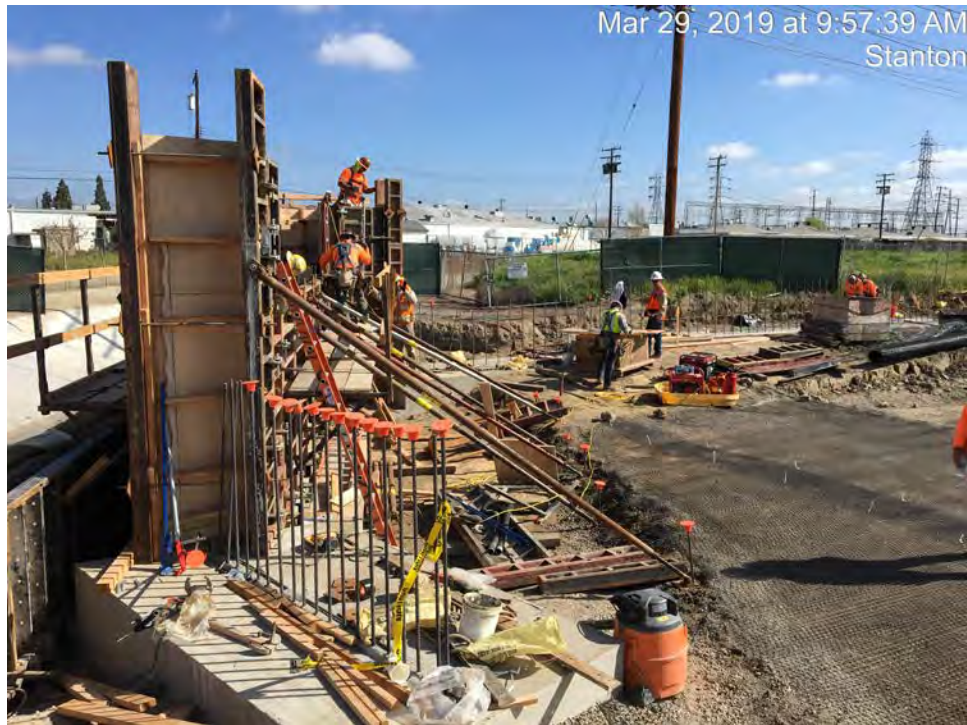
Location	SERC – Eastern Parcel (Parcel 1)	Description	View east at water truck operator engaged in dust suppression work.
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Photo 2



Location	SERC – Eastern Parcel (Parcel 1)	Description	View north of placement of shoring in preparation for concrete pouring.
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Photo 3



Location	SERC – Eastern Parcel (Parcel 1)	Description	View north of placement of shoring in preparation for concrete pouring.
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Photo 4



Location	SERC – Eastern Parcel (Parcel 1)	Description	View north of gravel mix compaction and concrete pouring preparation activities.
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Photo 5



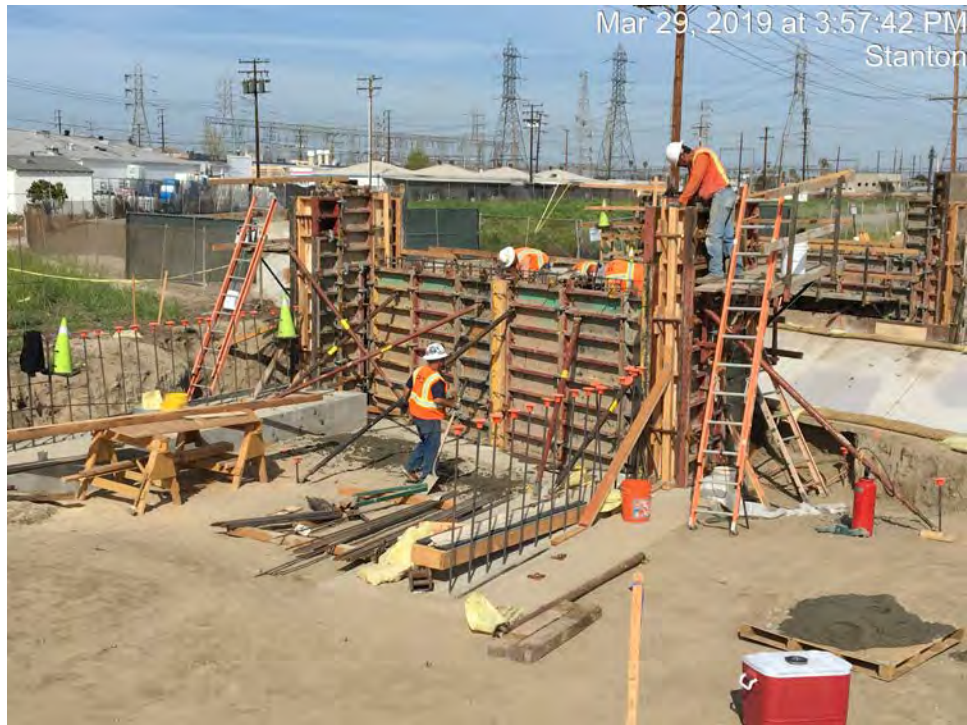
Location	SERC – Eastern Parcel	Description	View north of concrete pouring activities for vehicle bridge.
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Photo 6



Location	SERC – Western Parcel (Parcel 2)	Description	View northwest of concrete pouring for vehicle bridge.
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Photo 7



Location	SERC – Western Parcel (Parcel 2)	Description	View northeast of leveling and cleaning post concrete pouring activities for vehicle bridge.
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Appendix C Wildlife Species List

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

Common Name	Scientific Name	Status Federal/State/Other
Birds		
Allen's hummingbird	<i>Selasphorus sasin</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
Barn swallow	<i>Hirundo rustica</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
Canada goose	<i>Branta canadensis</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>Carduelis psaltria</i>	--/--/--
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/NP
Western gull	<i>Larus occidentalis</i>	--/--/--
Western kingbird	<i>Tyrannus verticalis</i>	--/--/--
Western meadowlark	<i>Sturnella neglecta</i>	--/--/--
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	--/--/--
Yellow-rumped warbler	<i>Setophaga coronata</i>	--/--/--
Mammals		
Virginia opossum	<i>Didelphis virginiana</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)

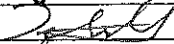


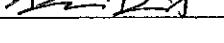
Appendix D

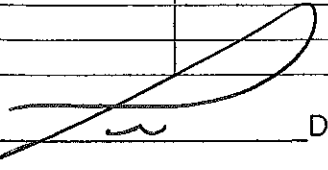
WEAP Training Logs

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.


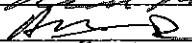

No.	Employee Name	Company	Signature	Date
1.	Kevin Amos	BRAND		3-4-19
2.	Sharon Stureman	Wellhead		3-4-19
3.	Jojo Pote Hornum	ARB		3/4/19
4.	Diane Frost	ARB		3/4/19
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Trainer: TIM DRAPER Signature:  Date: 3/4/19

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No.	Employee Name	Company	Signature	Date
1.	Raul Rodriguez	ARB		3-5-19
2.	Arthur Jin	NV5		3-5-19
3.	Aaron Vega	ARB		3-5-19
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Trainer: TIM DRAPER Signature:  Date: 3/5/19

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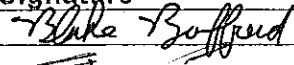

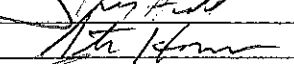

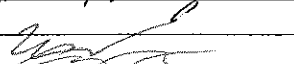
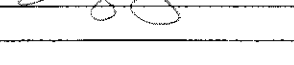
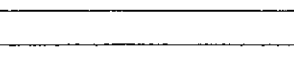
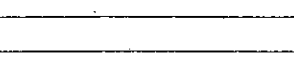
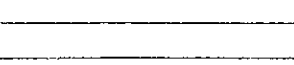
No.	Employee Name	Company	Signature	Date
1.	Rebecca Wade	Alcorn Fence	R. Wade	3-11-19
2.	VICTOR PELAYO	ARB	Victor Pelayo	3-11-19
3.	Johnny Carr	ARB	Johnny Carr	3-11-19
4.	RAUL ESTRELLA	ALCORN FENCE	Raul Estrella	3-11-19
5.	MICHAEL KATOS	ALCORN FENCE	Michael Katos	3-11-2019
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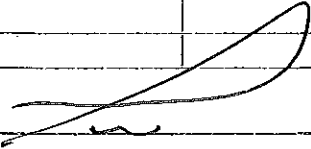
Trainer: TIM DRAPER Signature: [Signature] Date: 3/11/19

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Cultural, Paleontological, and Biological Resources Education Program Verification
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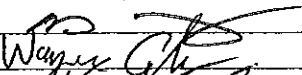
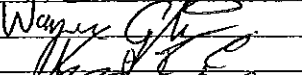
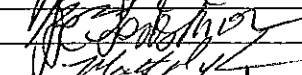
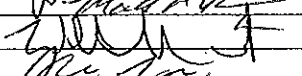
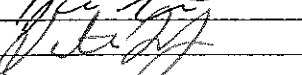
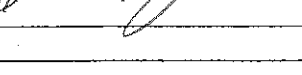
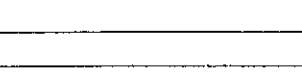

No.	Employee Name	Company	Signature	Date
1.	Blake Bufford	Paleowest		3-12-19
2.	Cody Leander	CML		3-13-19
3.	Phonew Cromwell	CML		3-13-19
4.	KEVIN HILL	CML		3-13-19
5.	Steve Hansen	CML		3-13-19
6.	JOSEPH TANCE	UVS		3-15-19
7.	ROBERT P ESQUIVEL	JLS Pumping		3-15-19
8.	Jay Hernandez	JLS PUM		3-15-19
9.	Carlos Pienzo	JLS PUM		3-15-19
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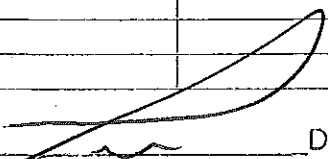
Trainer: TIM DRAPEIR Signature:  Date: 3/12/19

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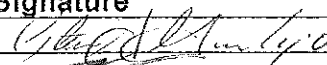
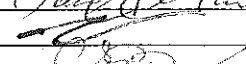
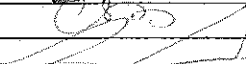
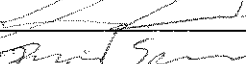
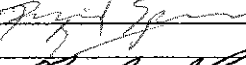
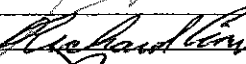
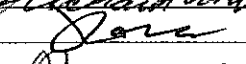
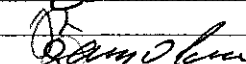
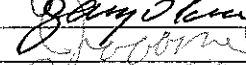
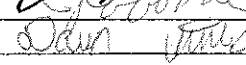
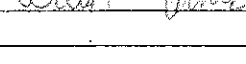
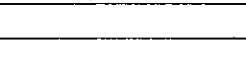
No.	Employee Name	Company	Signature	Date
1.	Nick Kingsley	GRTZ		3/18/19
2.	Wayne G. Galt	JLS		3-18-19
3.	Eric Hernandez	JLS		3-18-19
4.	Jose Ledesma	JLS		3-18-19
5.	Matt Ashmead	JLS		3-18-19
6.	JOHN MARTIN	ARB		3-18-19
7.	Jason Sotro	OCPW		3/18/19
8.	Kelton Forby	ARB		3/20/19
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Trainer: TIM DRAPETZ Signature:  Date: 3/18/19

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.	Steve A. Marmolejo	ANS		03/21/19
2.	Julio Rodriguez	Newtron		03/22/19
3.	CHRIS BAKER	ARB		3/25/19
4.	JOE ARCE	ARB		3/25/19
5.	David Spencer	ARB		3/25/19
6.	Christian J. Garcia	Newtron		3/25/19
7.	Richard Cukic	Newtron		3-25-19
8.	MARIO FLORES	NEWTRON		3-25-19
9.	DAVID MARTINEZ	Newtron		3-25-19
10.	GARY PACE	ARB		3-27-19
11.	Jerome Jimenez	CMC		3-27-19
12.	Damon Tittie	CMC		3-27-19
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Trainer: TIM DRAPER Signature:  Date: 3/21/19

Attachment 5 – CIVIL

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Attachment 6 – Cultural Resources



Memorandum

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

Subject **Stanton Energy Reliability Center (16-AFC-1C)
Cultural Resources Monthly Compliance Report
March 2019**

To: Tim Bofman, SERC, LLC

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

Date: April 2, 2019

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

1. Introduction

This March 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from March 1 through March 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 accordance with the current (November 2018) Cultural Resources Mitigation and Monitoring Plan (CRMMP) and as required by Condition of Certification CUL-6.

2. Personnel Active in Cultural Monitoring This Period

Gena Granger and Dawn Fulkerson 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
3/1/19	1	1
3/4/19	1	1
3/5/19	1	1
3/11/19	1	1

Table 1. Number of CRMs and NAMs Present, by Date		
Date	CRMs	NAMs
3/12/19	1	1
3/13/19	1	1
3/14/19	1	1
3/15/19	1	1
3/18/19	1	1
3/19/19	1	1
3/20/19	1	1
3/21/19	1	1
3/22/19	1	1
3/25/19	1	1
3/26/19	1	1
3/27/19	1	1
3/28/19	1	1
3/29/19	1	1
Total CRM/NAM-Days	18	18

4. Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Friday March 1, 2019. Activities monitored included excavations for installation of silt fencing trenches, temporary power, bridge abutments on Parcels 1 and 2, stormwater control Best Management Practices (BMPs) measures, the ammonia tank, Eco pan, GSU generator, and setup transformer. The excavations occurred to depths of 5 to 10 feet. Observed fill soils included medium brown silty sand with various unsorted gravels to depth in some locations. Potentially intact native soils were observed in the deeper parts of the abutment excavation on Parcel 1 beginning at approximately 5 feet, and approximately 3 feet in the abutment of Parcel 2. Potential native soils were described as light brown sandy loam with some oxidized streaking. One isolated find and one historic deposit (see discussion, below) were discovered during monitoring. There were no other issues this month.

5. Fulfillment Requirements of Each Cultural Resources Mitigation Measure

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

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	Requirements	State of Compliance
CUL-1: Appointment and Qualifications of Cultural Resources Personnel	<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 	<p>In compliance</p> <ul style="list-style-type: none"> Owner has appointed CRS and Alternate CRS. CRS is directing monitoring and has made recommendations on eligibility of two finds this month.

SERC Monthly Compliance Report for Cultural Resources – March 2019

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	Requirements	State of Compliance
	<ul style="list-style-type: none"> CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs) CRS may obtain services of additional technical specialists as needed. 	<ul style="list-style-type: none"> 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. 	In compliance <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. 	In compliance <ul style="list-style-type: none"> The CRMMP has been prepared and approved by the CPM
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	Not applicable – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	<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 	In compliance <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 with LORS 	In compliance <ul style="list-style-type: none"> The CRS or CRM has been monitored ground disturbance. A NAM monitored construction The CRS has submitted the daily field reports The CRS has prepared this Monthly Compliance Report There have been no incidents of non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	<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 	In compliance <ul style="list-style-type: none"> The CRS has halted construction to address an isolated cultural resource finds and a deposit of historic-era

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	Requirements	State of Compliance
	<p>the Native American Heritage Commission.</p> <ul style="list-style-type: none"> 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>refuse this month.</p> <ul style="list-style-type: none"> The finds were recorded on form DPR 523 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.	A new location for soil disposal was identified. A cultural resources survey of this area was conducted on 3-29-2019 by the Alternative CRS and reported to the CEC (see Appendix C)

6. Summary of the Confidential Appendix – Finds Made this Period

Two cultural resources discoveries were made during monitoring activities this month. Work was halted in the vicinity of each find and they were recorded on DPR forms that were supplied to the CPM. Both finds were treated prescriptively, and work resumed in each area after permission was received from the CPM. The forms are being submitted separately under a request for confidentiality. Descriptions of the finds are found below:

SERC Isolate 19-3

This find consisted of unidentified saw-cut faunal bone and was discovered on 3-11-2019. The find occurred in NW portion of Parcel 1 adjacent to a haul road and was reported to CRS and determined modern and non-significant by CEC and therefore was not collected as an isolated artifact.

SERC Site 1-19

This deposit was located 200 southwest of the storm drain channel on 3/20/2019. It consisted of historic trash contained within the fill layer. Observed artifacts include approximately 500 glass shards (amber, green, cobalt, clear, brown and milk); Clorox bleach bottle fragments; cow bone (*Bos taurus*) fragments consisting of 3 rib, 2 long bone; and 40-50 unidentified bone pieces); ceramic sherds including 1 partial pattern; ~13 milk glass cosmetic jar fragments with no marking; 10 non-diagnostic ceramic shards, and 2 ceramic doll heads/figurine fragments.

Possibly time-diagnostic artifacts included 1 clear Owens Illinois bottle base (1929-late 1950s), 1 amber G. Glass Container Corp (1934-68) bottle base and 4 Maywood Glass Co (1930-59) bottle base fragments, PUREX bottle metal cap, CLOROX bottle metal cap, fragmented amber glass CLOROX bottle base, rubber or plastic possible tubing with "Matykos, Hollywood, California" embossed on it, and approximately 10-12 fragmented butchered faunal bone pieces that appear to consist of additional cow and pig (*Sus scrofa*) bone, and 2 round framing nails.

The scatter is approximately 3 x 5 meters in area, has no observable stratigraphy or organic constituents, and appears to be a secondary deposit with a 25 cm depth that is part of fill soils that occur across the area. The deposit was tested, recorded and removed on 3/29/2019 in consultation with CEC cultural resources staff as being in eligible for listing in the California Register of Historical Resources (CRHR).

7. Concordance Table of Artifacts

No concordance table of artifacts is needed for this month because no artifacts were collected. The two finds made this month (SERC Isolate 19-3 and SERC Site 1-19) were determined not eligible for listing in the CRHR. DPR forms for these finds, made on February 25 and February 28, respectively, are included in the Appendix to this monthly report, which is being submitted separately under a request for confidentiality.

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 March 1 through March 31, 2019, a total of 41 persons completed the SERC WEAP training. The hardcopy sign-in training logs for the March 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 and grounding grid excavations 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

On 3/8/2019 a construction crew excavated a small trench without a monitor present. The noncompliance was reported to CEC staff by the CRS on 3/11/2019. The trench was approximately 2 feet deep x 2 feet wide x 5 feet long. The trench was dug in preparation for a truck washout area near the entrance in Parcel 1. The top 1 foot of soils consists of fill in a disturbed context. The second foot appeared to be fine to medium grained silty sands, consistent with the native context found in the western end of the parcel at 5 feet below ground surface. Corrective action included requiring that the crew retake the cultural resources WEAP training before resuming work on that excavation. The non-compliance report is found in Appendix B.

Appendix A

Forms DPR-523

(Submitted separately under a request for confidentiality)

Appendix B

SERC Non-Compliance Report



Non-Compliance Resolution Report

X NON-COMPLIANCE REPORT

X RESOLUTION REPORT

Date of Report: 3/11/19	Date of Non-Compliance Violation: 3/8/19 Time of Non-Compliance Violation: AM
Monitoring Log Attached? Yes	General Location of Non-Compliance: Dale Ave. entrance adjacent to truck wash
Environmental Monitor (cultural, biological, paleontological, other): Gena Grainger, CRM	
Level of Violation: X Level 1 Violations that do not result in significant impacts but require corrective action. Level 2 Violations that place environmental resources at an unnecessary risk and require immediate corrective action. Compliance Specification(s): Level 3 Actual or Imminent Danger to Environmental Resources from a Specific Construction Task or Piece of Equipment. Requires immediate corrective action.	

Summary of Violation and Details of Corrective Action Required:

On 3/8/2019, a crew excavated a small trench without a monitor present. The trench is approximately 2 feet deep x 2 feet wide x 5 feet long. The trench was dug in preparation for a truck washout area near the entrance in Parcel 1. The top 1 foot of soils consists of fill in a disturbed context. The second foot appears to be fine to medium grained silty sands consistent with the native context found in the western end of the parcel at 5 feet below ground surface. Corrective action will include requiring the crew to retake the cultural resources WEAP training before work on that excavation can resume.

Notifications:

CPM: John Heizer, CEC	Date: 3/11/2019	Time:
Construction Manager: Tim Bofman, SERC LLC	Date: 3/11/2019	Time:
Project Owner: Kara Miles, W-Power	Date: 3/11/2019	Time:
Compliance Advisor: Greg Lamberg, SERC LLC	Date: 3/11/2019	Time:

Appendix C
Cultural Resources Survey of the East
South Street Fill Disposal Site (CUL-8)

Subject: **Stanton Energy Reliability Center (16-AFC-01)**
 CUL-8 Cultural Resources Pedestrian Survey at the East South Street Over-
 Excavation Soil Disposal Site

Date: March 29, 2019

From: Dan Woodward, Jacobs /SERC Alternate Cultural Resources Specialist

To: Phil Reid, Jacobs; Doug Davy, Jacobs; Greg Lamberg, WPower, LLC

This memorandum report summarizes the Cultural Resources Pedestrian Survey of the East South Street Over-Excavation Soil Disposal Site conducted by Archaeologist Dan Woodward for the Stanton Energy Reliability Center (SERC) (16-AFC-01). Mr. Woodward is the Designated Alternate Cultural Resources Specialist for the SERC project. The survey was undertaken pursuant to SERC license condition CUL-8. SERC project owner SERC, LLC proposes to dispose of over-excavation soils at the 20.6-acre East South Street Residential Development site located at 901 East Santa Ana Avenue in Anaheim, California (see attached map).

Field Methods:

Prior to performing the pedestrian survey, maps of the project site and a report of record search results done for the City of Anaheim's CEQA review and Conditional Use Permitting process (Material Culture Consulting, Inc. 2017) was reviewed. The record search report did not indicate any previously discovered cultural resources on the project site, and only historic-age buildings in the half-mile record search radius. The site was considered low-probability for cultural resources and cultural resource monitoring was not recommended for construction.

The project site was surveyed on March 29, 2019 by Mr. Woodward, walking closely spaced transects (approximately 10 meters apart) in the accessible areas of the project site. Any exposed dirt areas were inspected closely for archaeological features and artifacts, and representative photos documenting the current condition of the project site were taken (see attached photographs). The attached map shows the area surveyed

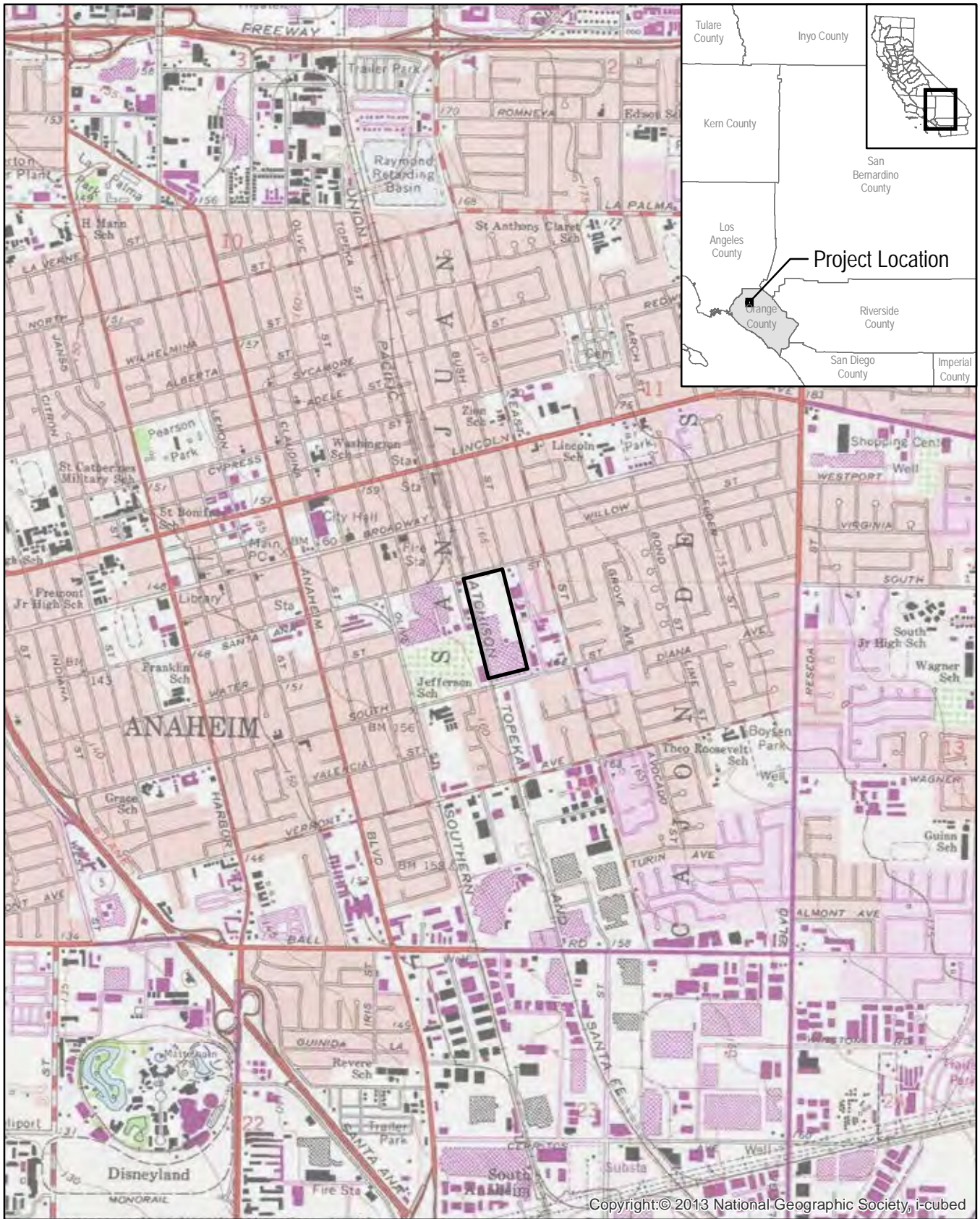
Results:

The project site is heavily disturbed and located within a mixed-use area (industrial, residential, and retail). The site is currently under construction for the East South Street residential project. A review of aerial photographs shows that the site, until recently, was fully paved and contained a large warehouse compound which included multiple loading and unloading areas as well as large standing warehouses. Currently, the warehouses are mostly demolished, with a few concrete foundations still in the process of being removed. For safety, the currently active construction area (roughly in the middle of the approximate 20-acre property) was avoided. There were multiple track-hoes breaking up foundations in this area, as well as front-end loaders and scrapers working to remove the debris. The southern portion of the site was clear of construction equipment and activities. This area was mostly open ground and was surveyed in its entirety. This open area (roughly the southern half of the property) had some construction debris consisting of rebar, small chunks of concrete, etc. This debris is clearly construction rubble remaining from the recent demolition of the warehouses and associated infrastructure. The area also was clearly composed of fill material evidenced by the 4 to 5-foot height of fresh dirt above the railroad grade along the western edge of the project (see photo). This fill material is spread across the majority of the project area.

No of-age cultural resources were observed during the survey.

References Cited:

Material Culture Consulting, Inc. 2017. Letter Report for Cultural and Paleontological Resources Records Searches for the Anaheim Residential Project, City of Anaheim, Orange County, California. Submitted to the City of Anaheim, California. September



LEGEND

- East South Street Project Site
- USGS Quadrangle: Anaheim

East South Street Project Survey Area Anaheim, California



0 1,000 2,000
Feet

Attachment A

Site Photographs



Photo 1: Looking south along the west edge of the property (showing fill depth)



Photo 2: Looking west across the demolition area



Photo 3: Looking west across the southern portion of property



Photo 4: Looking north across the construction zone

Attachment 7 - Paleontology

Stanton Energy Reliability Center Project (16-AFC-01)
Monthly Report of Paleontological Resources Monitoring
March 2019, COC PAL-6

Prepared For: Doug Davy, Jacobs
Karen Parker, Jacobs
Prepared By: Niranjala Kottachchi
Paleontological Resources Specialist (PRS)
Reporting for Period: March, 2019

This report covers paleontological resources monitoring activities at the Stanton Energy Reliability Center Project (16-AFC-01) for the month of March 2019, as required by Condition of Certification PAL-6.

Personnel Active in Paleontological Monitoring This Period

Jeanette Maldonado was the primary Paleontological Resources Monitor (PRM) for this month. Jorge Mendieta (PRM) and Blake Bufford (PRM) assisted during the absence of the primary monitor.

Monitoring and Associated Activities This Period

Monitoring of construction activities at the Project site has been consistent throughout the month despite poor weather conditions during several days of the month.

Excavations continued in Parcel 1 with a trench 8-9 feet in depth in the northwest corner of the parcel for bridge footings. Over-excavation of the entire parcel also continued with a trench along the south wall to a depth of 6 feet. No change in stratigraphy was observed, compared with observations made the previous month. The upper 3-4 feet consists of disturbed sandy loam underlain by native, poorly indurated, light gray fine-medium sands with orange/beige laminae staining of Holocene age.

On the west end of Parcel 1, excavation for bridge footing and installation for shoring took place to a depth of approximately 10 feet. The upper 3-4 feet in this area consists of disturbed sandy loam underlain by native, poorly indurated, light gray fine-medium sands with orange/beige laminae staining, like deposits seen in over-excavation trenches.

On the east end of Parcel 1, excavations continued for the ammonia tank. Removal of an existing 6-foot-high spoils pile was followed by excavation of a 65x30x8.5 feet area. The same stratigraphy was observed, with an additional 4 feet of fine dark gray silt present at the base of the excavation believed to still be of Holocene age. The contact between the overlying sands and lower silt is very distinct. Spoils from the excavation were removed by trucks.

East of the ammonia pit, mass grading took place over an area of 120x75 feet and down 7-feet below ground surface. Similar stratigraphy was observed as during ammonia pit excavations.

Excavations also took place east of the channel/west of the ammonia pit in Parcel 1 for the generator step-up transformer (GSU) to a depth of 7.5 feet below ground surface. The stratigraphy in this area is the same as observed east of the ammonia pit.

Smaller excavations took place in Parcel 1 for a duct bank (10x4 feet) east of the ammonia pit and a cement wash out in the SE corner to a depth of 3 feet below ground surface.

In Parcel 2, there was continued work on the bridge abutment.

Paleontological Resources Discoveries This Period

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

Anticipated Work and/or Changes in the Next Period

Over-excavations will continue in Parcel 1 from the sump pit eastward.

Comments, Issues or Concerns

None to report.

Attachment 8 – ELEC-1



POWER ENGINEERS, INC.

16041 FOSTER
PO BOX 1000
OVERLAND PARK, KS 66085 USA

PHONE 913-681-2881
FAX 913-681-8475

MEMORANDUM

DATE: March 12, 2019
TO: Sohail Ahmad
C: Tim Bofman
FROM: Joseph K. Bondank, P.E.
SUBJECT: 16-AFC-01 - ELEC-1 Responsible Engineer Statement

MESSAGE

Per Condition of Certification ELEC-1:

The electrical design of the Stanton Energy Reliability Center, including all electrical calculations, drawings, lists, and specifications, have been prepared under my direct supervision and have been prepared in accordance with applicable laws, ordinances, regulations, and standards (LORS).



Joseph K. Bondank
3/12/2019

Joseph K. Bondank, P.E.

TRANSMITTAL 77

TO: STANTON ENERGY RELIABILITY CENTER

DATE: 03/14/19

FROM: NV5, Inc
2525 Natomas Park Dr., Suite 300
Sacramento, CA 95833



The following items are being forwarded:

Item	Quantity
SERC 16-AFC-01 ELEC-1-5.0 ELEC EQUIP, INSTRU, & UG RCWY PLAN 190304 PCF 16	1

Remarks:

SERC: DCBO Approved ELEC-1-5.0

Contact:

Alan N. Vallow, P.E., Senior Electrical Engineer
Alan.Vallow@nv5.com
209.329.0765

Submitted by:

Erin Prasad

Digitally signed by Erin Prasad
Date: 2019.03.14 08:32:15
-07'00'

Date:

OFFICES NATIONWIDE

MEMORANDUM – DCBO APPROVAL

DATE: March 14, 2019

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

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@nv5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-5.0_ELEC EQUIP, INSTRU, & UG RCWY
PLAN_190304_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. Occasional & Error on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed
by Alan N. Vallow,
PE
Reason: Reviewed
For Code
Compliance
Date: 2019.03.14
08:10:16 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 14, 2019

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

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@nv5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-5.0_ELEC EQUIP, INSTRU, & UG RCWY
PLAN_190304_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.

EP01-103.DWG 2019/03/14 10:11:13 AM 2019/03/14 10:11:13 AM 2019/03/14 10:11:13 AM

EP01-103.DWG

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INTER-DISCIPLINE REVIEW						
DISC	ARCH	CIVIL	ELECT	ISC	MECH	STRUCT
DATE	*	12-13-2018	12-13-2018	*	12-13-2018	12-13-2018
INIT	*	WHR	CMS	*	BSC	SPC

REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
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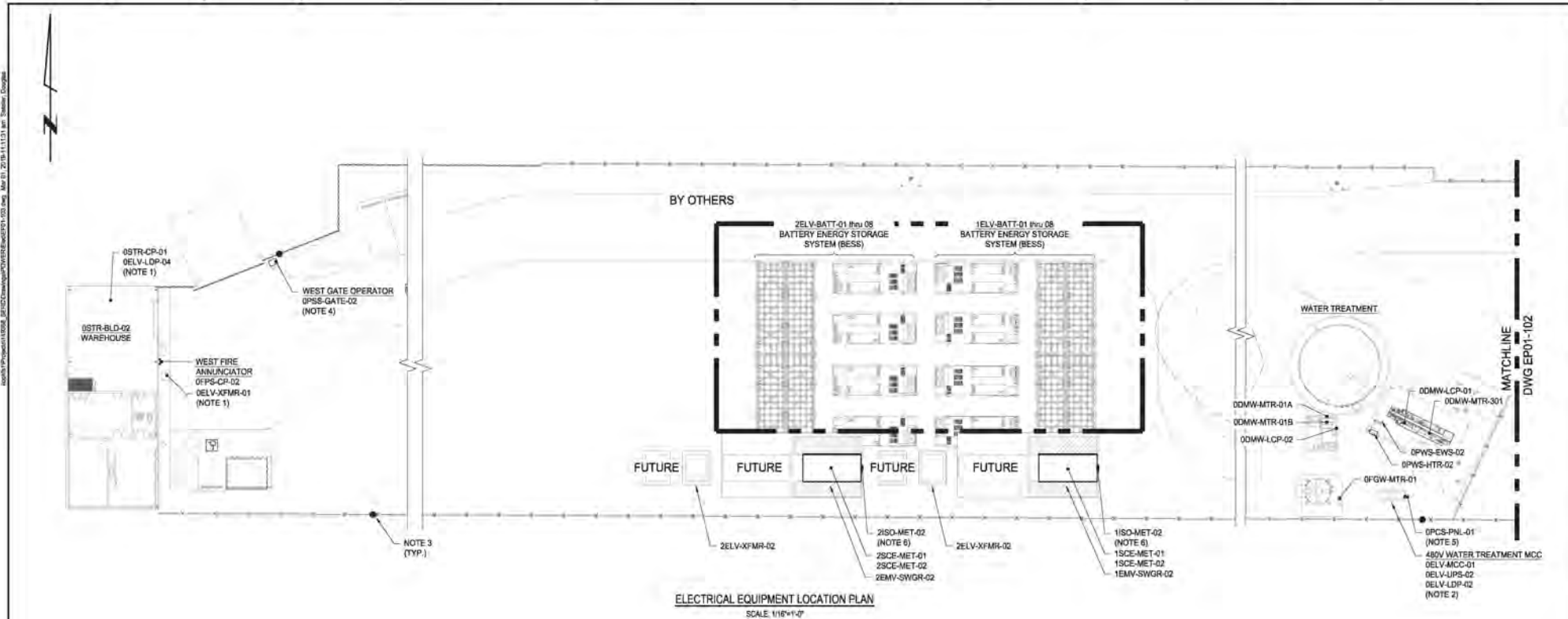
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DRN	RMA	10-12-2018
CKD	TAD	03-01-2019
SCALE:	AS NOTED	

Stanton Energy Reliability Center, LLC
4200 Stewart Dr., Suite A • Sacramento, CA 95811
Phone: 916-402-2400 Fax: 916-402-2118

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OVERLAND PARK, KANSAS 66205-1000
(913) 661-2661 www.powereng.com

STANTON ENERGY RELIABILITY CENTER
OVERALL SITE
ELECTRICAL EQUIPMENT LOCATION PLAN

JOB NUMBER
149368
DRAWING NUMBER
EP01-103



- NOTES:**
- WAREHOUSE 480V TRANSFORMER, WAREHOUSE POWER DISTRIBUTION AND CONTROL CABINET LOCATIONS TO BE DETERMINED.
 - LIGHTING DISTRIBUTION PANEL, TRANSFORMER PANEL AND UPS PANEL (120/208V) INTEGRAL TO MOTOR CONTROL CENTER.
 - SEE DRAWING EC01-100 FOR SECURITY EQUIPMENT LOCATION PLAN.
 - POWER SUPPLY TO EACH OPERATOR AT 208/120V, SINGLE PHASE, 3-WIRE (208V SINGLE PHASE MOTOR WITH 120VAC CONTROL). DRIVE SENSOR CABLE OR PHOTO EYE DETECTORS FOR GATE CLOSING CONTROL.
 - CONTRACTOR TO CONSTRUCT UNISTRUT STAND ATTACHED TO EAST END OF MOTOR CONTROL CENTER FOUNDATION FOR MOUNTING OWNER FURNISHED COMMUNICATION ENCLOSURE AND CONTRACTOR FURNISHED WELDING RECEPTACLE WITH BOTTOM OF ENCLOSURE AND RECEPTACLE TO BE 3' AFG. SEE DRAWING EL01-102 AND EL01-100-1 FOR WELDING RECEPTACLE PLAN AND DETAILS.
 - CONTRACTOR TO INSTALL OWNER FURNISHED METERING ENCLOSURE.
- REFERENCE DRAWINGS:**
- EP01-113 ELECTRICAL INSTRUMENT LOCATION PLAN
 - ER01-003 ELECTRICAL UNDERGROUND RACEWAY PLAN
 - ER01-103 ELECTRICAL ABOVEGROUND RACEWAY PLAN

Digitally signed by Alan N. Vallow, PE Reason: Reviewed For Code Compliance Date: 2019.03.14 07:44:16 -07'00'

0 5 10 20 30 40 FEET
1/16" = 1'-0"

STANTON ENERGY RELIABILITY CENTER
NO. 149368
3/1/2019

JOSEPH K. BONDANK, ELECTRICAL, PE # E18316
10711 DALE AVE
STANTON, ORANGE CO., CA 95680

\\stc\projects\113\DWG_EP01-113.dwg, 11/11/2019 1:02:30 pm, Daniel Douglas

EP01-113.DWG

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INTER-DISCIPLINE REVIEW						
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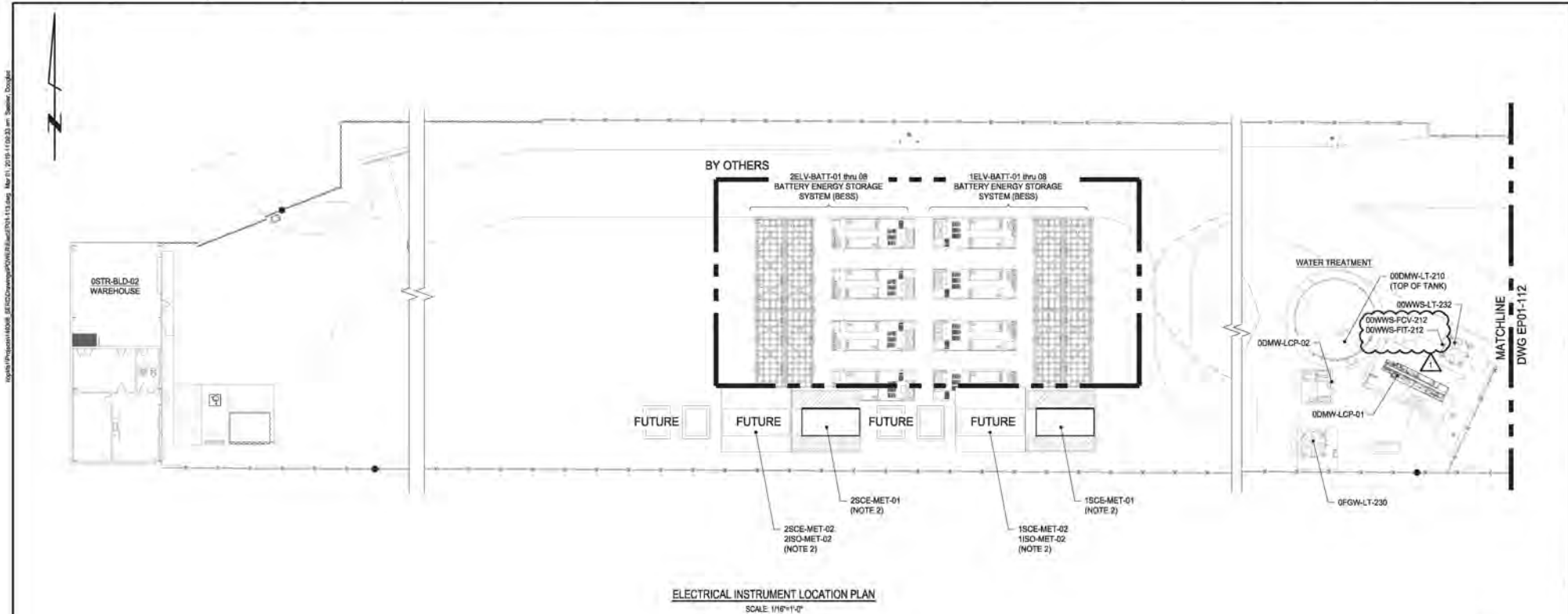
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DSGN	CMS	10-04-2018
DRN	DMS	10-04-2018
CKD	TAD	03-01-2019
SCALE	AS NOTED	
FOR 25x34 DRUG ONLY		

Stanton Energy Reliability Center, LLC
100 Shreve Dr, Suite A - Sacramento, CA 95811
Phone: 916-452-2446, Fax: 916-452-5118

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STANTON ENERGY RELIABILITY CENTER	JOB NUMBER 149358	REV A
OVERALL SITE	DRAWING NUMBER EP01-113	
ELECTRICAL INSTRUMENT LOCATION PLAN		



ELECTRICAL INSTRUMENT LOCATION PLAN
SCALE: 1/16"=1'-0"

NOTES:

1. WATER TREATMENT AREA - CONTRACTOR TO SIZE AND FIELD ROUTE UNDERGROUND POWER CONDUIT BETWEEN 480V MCC AND EQUIPMENT. CONTRACTOR TO SIZE AND FIELD ROUTE UNDERGROUND POWER, CONTROL AND INSTRUMENTATION CONDUIT BETWEEN CABLE TRAY AND EQUIPMENT.
2. SCE AND CAISO METERS ARE LOCATED WITHIN SWITCHGEAR.
3. ALL INSTRUMENTS ACCESSIBLE FROM GRADE UNLESS OTHERWISE NOTED.

REFERENCE DRAWINGS:

- EP01-103 ELECTRICAL INSTRUMENT LOCATION PLAN
- EP01-003 ELECTRICAL UNDERGROUND RACEWAY PLAN
- ER01-103 ELECTRICAL ABOVEGROUND RACEWAY PLAN

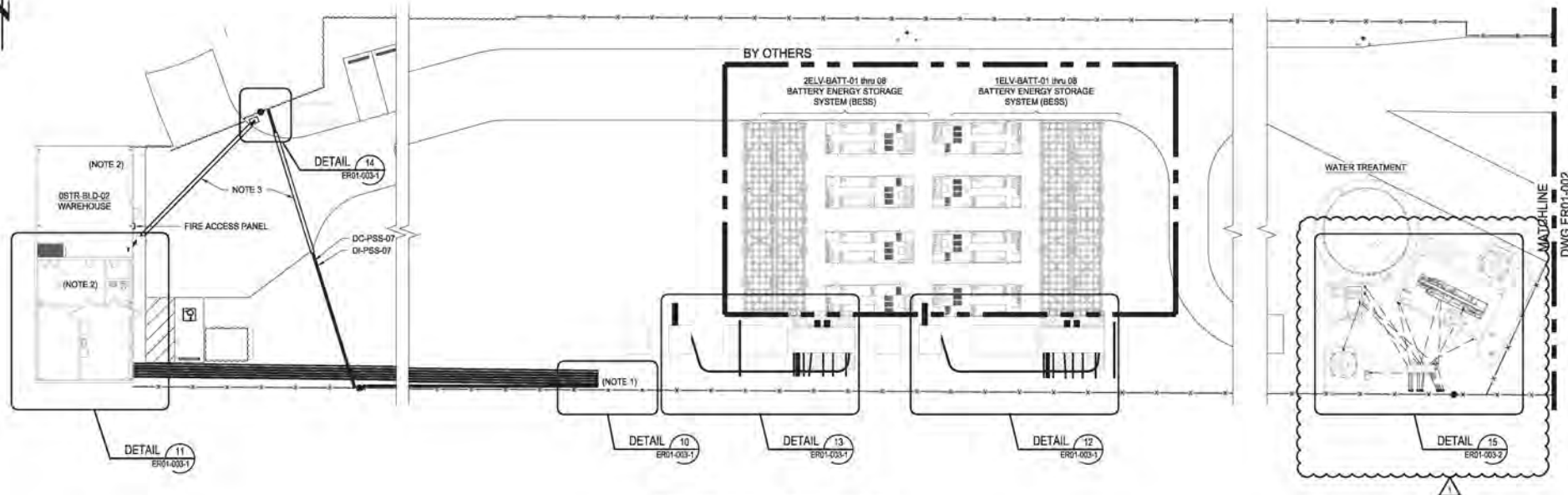
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1/16" = 1'-0"

Digitally signed
by Alan N.
Vallow, PE
Reason:
Reviewed For
Code Compliance
Date: 2019.03.14
07:59:43 -0700

3/1/2019

JOSEPH K. BONDANK, ELECTRICAL, PE # E18319
PROJECT LOCATION:
10711 DALE AVE
STANTON, ORANGE CO., CA 92680

\\stc\proj\proj\100001\ER01-000-001.dwg, Mar 11, 2019 11:14:48 am, Justin L. Grogan



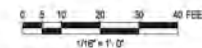
ELECTRICAL UNDERGROUND RACEWAY PLAN
SCALE 1/16"=1'-0"

NOTES:

1. TRANSITION TO ABOVE GROUND TRAY, SEE DRAWING ER01-003.
2. WAREHOUSE 480V TRANSFORMER, WAREHOUSE POWER DISTRIBUTION AND CONTROL CABINET LOCATIONS TO BE DETERMINED.
3. SEE DRAWING ER01-000-1 FOR DUCTBANK REINFORCEMENT DETAILS.

REFERENCE DRAWINGS:

EC01-100-1 ELECTRICAL SECURITY AND ACCESS CONTROL SYSTEM PLAN
ER01-000-1 ELECTRICAL UNDERGROUND RACEWAY NOTES AND INSTALLATION DETAILS
ER01-001 ELECTRICAL UNDERGROUND RACEWAY PLAN
ER01-002 ELECTRICAL UNDERGROUND RACEWAY PLAN



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INTER-DISCIPLINE REVIEW						
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT
DATE	*	12-13-2018	12-13-2018	*	12-13-2018	12-13-2018
INIT	*	WHR	CMS	*	BSC	SPC

REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
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0	ISSUED FOR CONSTRUCTION	12-17-2018	DMS	CMS	JKB	JKB

DSGN	DMS	01-31-2018
DRN	DMS	01-31-2018
CKD	TAD	03-01-2019
SCALE:	AS NOTED	

Stanton Energy Reliability Center, LLC
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OVERLAND PARK, KANSAS 66105-1000
(913) 661-2861 www.powereng.com

STANTON ENERGY RELIABILITY CENTER	JOB NUMBER 149358	REV 1
OVERALL SITE	DRAWING NUMBER ER01-003	
ELECTRICAL UNDERGROUND RACEWAY PLAN		

Stanton Energy Reliability Center, LLC	Stanton Energy Reliability Center	Transmittal Document Number	
	TRANSMITTAL	SERC-TRA-147	
		03/04/2019	Page 1 of 1

PURPOSE OF TRANSMITTAL ELECTRICAL EQUIPMENT, INSTRUMENT, UG RACEWAY AND STUB-UP PLAN				Use/Implementation	X	CBO Submittal		Comments	
				Revision/Approval		CEC Submittal		Question	
				Answer		Information		As-Built	
				Design		Construction		Contract	
				Cancelled					
SERC DISTRIBUTION				OTHERS DISTRIBUTION					
	E	U	P	D		E	U	P	D
Kara Miles	X				CBO		X		
Paul Cummins	X								
Tim Bofman	X								
Tom Tinucci	X								
Greg Lamberg	X								
SERC File		1		1					
NUMBER OF COPIES E = Email; U = NewForma FTP, P = Paper Copy; D = Digital									
NOTES:									
No	DOCUMENT TITLE			REV .	REV. DATE	DOCUMENT FOLDER NAME			CO.
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2	SERC_16-AFC-01_ELEC-1-5.2_EP01-103-ELEC EQUIP LOC PLAN_REV1_190304_PC1			1	3/1/19	SERC_16-AFC-01_ELEC-1-5.0_ELEC EQUIP, INSTRU, & UG RCWY PLAN_190304_PC1			SERC
3	SERC_16-AFC-01_ELEC-1-5.3_EP01-113-ELEC INSTRU LOC PLAN_REV1_190304_PC1			1	3/1/19	SERC_16-AFC-01_ELEC-1-5.0_ELEC EQUIP, INSTRU, & UG RCWY PLAN_190304_PC1			SERC
4	SERC_16-AFC-01_ELEC-1-5.4_ER01-003-ELEC UG RCWY PLAN_REV1_190304_PC1			1	3/1/19	SERC_16-AFC-01_ELEC-1-5.0_ELEC EQUIP, INSTRU, & UG RCWY PLAN_190304_PC1			SERC
5	SERC_16-AFC-01_ELEC-1-5.5_ER01-003-1-ELEC UG RCWY STUB-UP PLAN_REV1_190304_PC1			1	3/1/19	SERC_16-AFC-01_ELEC-1-5.0_ELEC EQUIP, INSTRU, & UG RCWY PLAN_190304_PC1			SERC
6	SERC_16-AFC-01_ELEC-1-5.6_ER01-003-2-ELEC UG RCWY STUB-UP PLAN_REV0_190304_PC1			0	3/1/19	SERC_16-AFC-01_ELEC-1-5.0_ELEC EQUIP, INSTRU, & UG RCWY PLAN_190304_PC1			SERC

MEMORANDUM – DCBO APPROVAL

DATE: March 20, 2019

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

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@nv5.com
209.329.0765

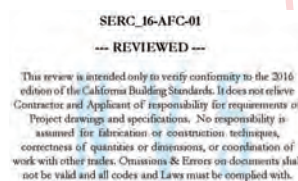
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_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.



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Alan N. Vallow, PE
Reason: Reviewed For
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Date: 2019.03.20
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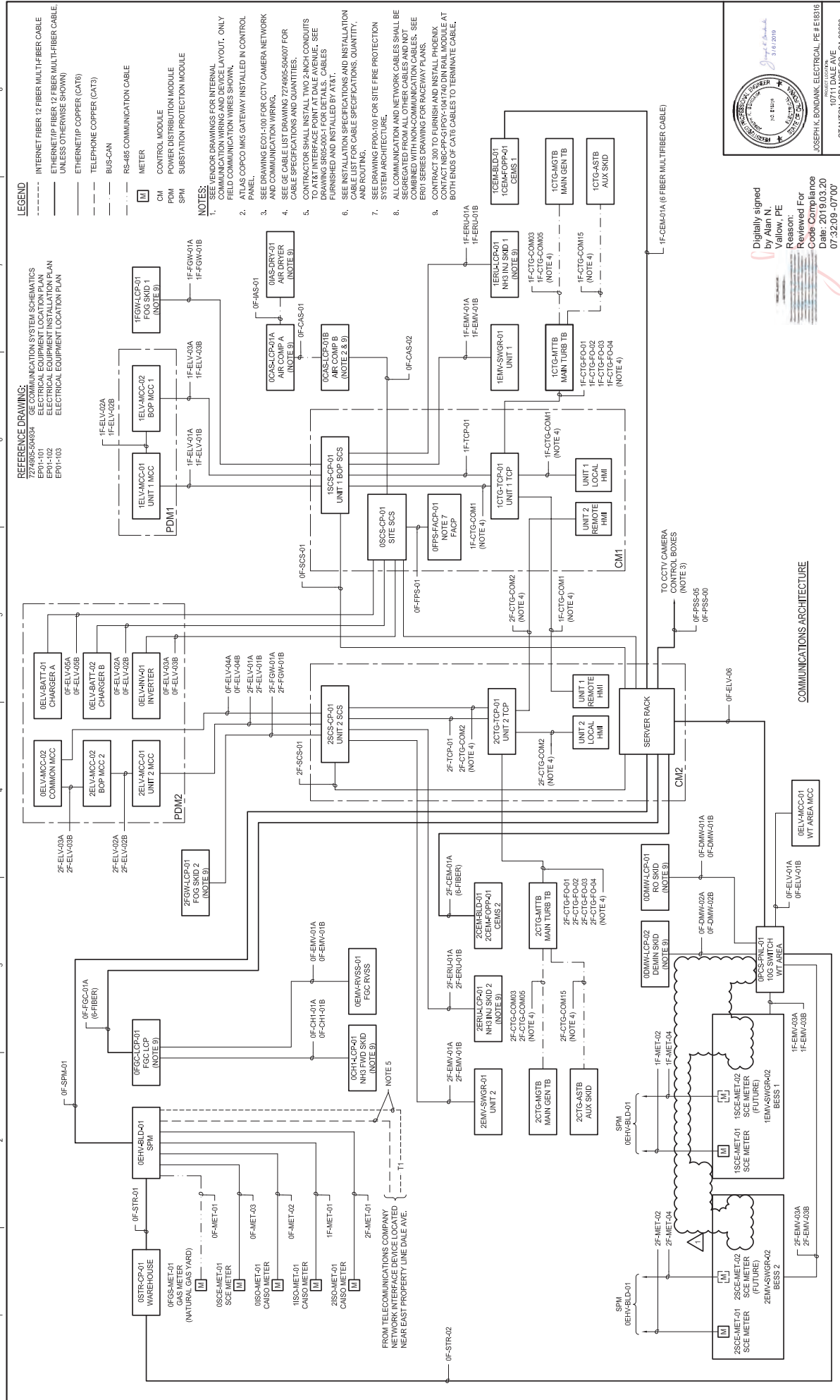


JOSEPH K. BONDANK, ELECTRICAL, PE # E18316
PROJECT LOCATION:
10711 DALE AVE
STANTON, ORANGE CO., CA 92680

NOTE:

- NOTE:
1. SEE DRAWING EC01-100 FOR SITE PERIMETER,
CAMERA LOCATIONS.

INTER-DISCIPLINE REVIEW														DSGN BMS 01-26-2018 DRN DMS 01-26-2018 CKD TAD 12-17-2018							 POWER ENGINEERS Station Energy Reliability Center, LLC 830 Sayre Dr, Suite A - Shawnee, CA 92881 Phone: 951-261-2000, Fax: 951-261-0118 1801 FOSTER RD BOX 1005 OVERLAND PARK, KANSAS 66105-1005 (913) 661-2681 www.powereng.com							STANTON ENERGY RELIABILITY CENTER JOB NUMBER 169368 REV 0						
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT																												
DATE	*	12-13-2018	12-13-2018	*	12-13-2018	12-13-2018																												
INIT	*	WHR	CMS	*	BSC	SPC																												
0 ISSUED FOR CONSTRUCTION							12-17-2018							DMS	CMS	CKD	JKB	SCALE: AS NOTED																
REV REVISIONS							DATE							DRN	DSGN	CKD	APPRD	(FOR PRINTING ONLY)							DRAWING NUMBER EC00-100									



REFERENCE DRAWING:
7274865-594007
ELECTRICAL EQUIPMENT LOCATION PLAN
EPR1-101
ELECTRICAL EQUIPMENT LOCATION PLAN
EPR1-102
ELECTRICAL EQUIPMENT LOCATION PLAN
EPR1-103

LEGEND
--- INTERNET FIBER 12 FIBER MULTIFIBER CABLE
--- ETHERNET/IP FIBER 12 FIBER MULTIFIBER CABLE
--- UNLESS OTHERWISE SHOWN
--- ETHERNET/IP COPPER (CAT5)
--- TELEPHONE COPPER (CAT3)
--- BUS-CAN
--- RS-485 COMMUNICATION CABLE
--- METER
--- CONTROL MODULE
--- PM
--- POWER DISTRIBUTION MODULE
--- SPM
--- SUBSTATION PROTECTION MODULE

NOTES:
1. SEE DRAWING 7274865-594007 FOR INTERNAL COMMUNICATION WIRING AND DEVICE LAYOUT. ONLY FIELD COMMUNICATION WIRES SHOWN.
2. ATLAS COPCO MKS GATEWAY INSTALLED IN CONTROL PANEL.
3. SEE DRAWING EGT1-100 FOR CCTV CAMERA NETWORK AND COMMUNICATION WIRING.
4. SEE GE CABLE LIST DRAWING 7274865-594007 FOR CABLE SPECIFICATIONS AND QUANTITIES.
5. CONTRACTOR SHALL INSTALL TWO 2-INCH CONDUITS FOR CABLES AND QUANTITIES. SEE DRAWING 7274865-594007 FOR DETAILS. CABLES FURNISHED AND INSTALLED BY AT&T.
6. SEE INSTALLATION SPECIFICATIONS AND INSTALLATION CABLE LIST FOR CABLE SPECIFICATIONS, QUANTITY, AND ROUTING.
7. SEE DRAWING FPM1-100 FOR SITE FIRE PROTECTION SYSTEM ARCHITECTURE.
8. ALL COMMUNICATION AND NETWORK CABLES SHALL BE INSTALLED IN CONDUITS AND SHALL BE PROTECTED BY ERM1 SERIES DRAWING FOR RACEWAY PLANS. SEE ERM1 SERIES DRAWING FOR RACEWAY PLANS.
9. CONTRACT 300 TO FURNISH AND INSTALL PHOENIX CONTACT NBC-PP-GIPGY-104740 DIN RAIL MODULE AT BOTH ENDS OF CAT6 CABLES TO TERMINATE CABLE.

FROM TELECOMMUNICATIONS COMPANY
NETWORK INTERFACE DEVICE LOCATED NEAR EAST PROPERTY LINE DATE AVE.

TO CCTV CAMERA CONTROL BOXES
0F-PSS-05
0F-PSS-00

SERVER RACK
CM1
CM2

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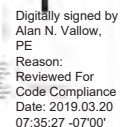
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SCALE 1-30

1. CONTRACTOR TO UTILIZE TRAY, TRENCH AND DUCTBANK TO GREATEN EXISTING POSSIBLE FOR CABLE ROUTING. FURNISH AND INSTALL ANY ABOVEGROUND RACEWAY AS NEEDED TO PROVIDE A COMPLETE SYSTEM. SEE RACEWAY DRAWINGS FOR ROUTING OF FIBER AND POWER CABLES.
2. CONTRACTOR TO MOUNT OWNER PROVIDED SECURITY EQUIPMENT TO PERIMETER WALL SUPPORTS. SEE DRAWINGS A01-100 AND A01-101 FOR EXACT LOCATIONS OF WALL SUPPORTS.
3. SECURITY CAMERAS WILL BE CLASS 1, DIV. 2 COMPLAINT.
4. MOUNT NETWORK WIRE ENCLOSURE WITHIN CONTROL MODULE 2 SERVER RACK. SECURITY CONTROL BOXES POWERED FROM 120VAC UPS PANEL 1E1V-DCPLN-01 LOCATED WITHIN CONTROL MODULE 2.
5. CONTRACTOR TO MOUNT OWNER PROVIDED SECURITY EQUIPMENT TO POLES LOCATED ALONG PERIMETER FENCE. SEE DRAWING C01-65 FOR EXACT LOCATIONS OF PERIMETER POLES.

☒ CCTV CAMERA (THERMAL)

-  PTZ PTZ IR CCTV CAMERA
 NVR NETWORK VIDEO ENCLOSURE
 EN SECURITY CONTROL BOX OUTDOOR NEMA ENCLOSURE
 SECURITY COMMUNICATION (FIBER)
 POWER (120VAC UPS CABLING)

SP-00	FIRSTLINE SECURITY SYSTEM
EC01-086	CAMERA AND FENCE POLE DETAILS
EC01-100	ELECTRICAL SECURITY AND ACCESS CONTROL SYSTEM DETAILS
EC01-101	208Y/120VAC UPS POWER SYSTEM ONE LINE DIAGRAM AND PANELBOARD SCHEDULE
EC01-104	208Y/120VAC UPS POWER SYSTEM WATER TREATMENT UPS PANELBOARD SCHEDULE
ER01-000	ELECTRICAL UNDERGROUND RACEWAY KEY PLAN, LEGEND, AND NOTES
ER01-001	ELECTRICAL UNDERGROUND RACEWAY PLAN
ER01-002	ELECTRICAL UNDERGROUND RACEWAY PLAN
ER01-003	ELECTRICAL UNDERGROUND RACEWAY PLAN
ER01-100	ELECTRICAL ABOVEGROUND RACEWAY KEY PLAN, LEGEND, AND NOTES
ER01-101	ELECTRICAL ABOVEGROUND RACEWAY PLAN
ER01-102	ELECTRICAL ABOVEGROUND RACEWAY PLAN
ER01-103	ELECTRICAL ABOVEGROUND RACEWAY PLAN

0	ISSUED FOR CONSTRUCTION	12-17-2016	DMS	CMS	JKB	JKB
REV	REVISIONS	DATE	DRN	DSGN	CKD	APPR

DSGN	CMS	10-16-2016
DRN	DMS	10-16-2016
CKD	TAD	12-17-2016
SCALE:		AS NOTED

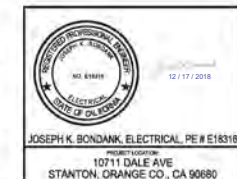
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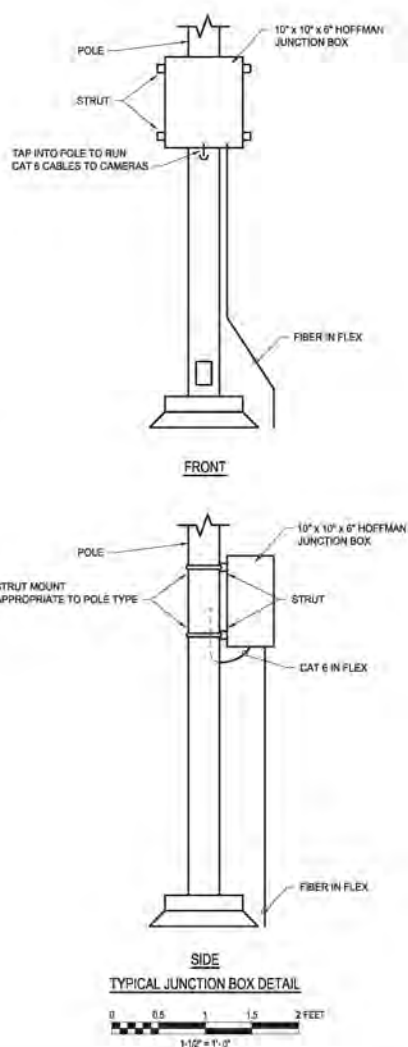
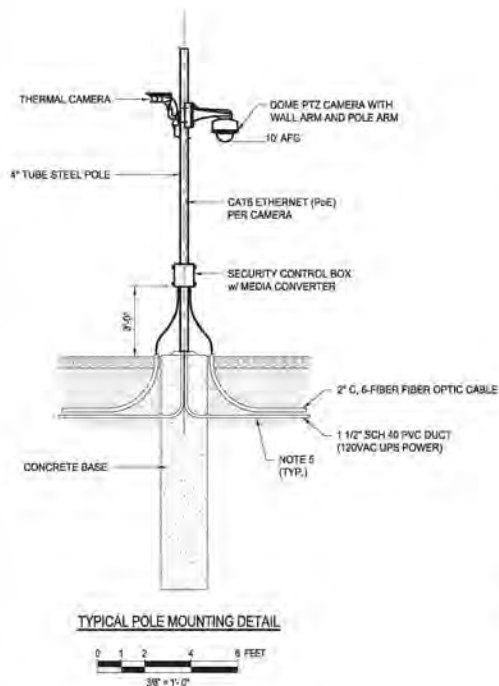
Stanton Energy Reliability Center, LLC
850 Dorell Dr., Suite A - Sacramento, CA 95811
Phone: 916-402-9484 Fax: 916-402-5318



STANTON ENERGY RELIABILITY CENTER
OVERALL SITE
ELECTRICAL SECURITY AND ACCESS CONTROL SYSTEM PLAN

JOB NUMBER 149368	REV 
DRAWING NUMBER EC01-100	






- NOTES:**
1. CONTRACTOR TO MOUNT OWNER PROVIDED SECURITY CAMERAS WITH MOUNTING HARDWARE AT HEIGHTS SHOWN AND PER MANUFACTURERS INSTRUCTIONS.
 2. CONTRACTOR TO MOUNT OWNER SUPPLIED CONTROL BOX.
 3. CONTRACTOR TO FURNISH AND INSTALL ASSOCIATED CONDUIT, CABLE, AND FIBER. SEE PLAN DRAWING ECG1-100 FOR EQUIPMENT LOCATIONS.
 4. CONTRACTOR TO INSTALL FIBEROPTIC CABLE PER MANUFACTURERS INSTRUCTIONS. DO NOT EXCEED THE BEND RADIUS. IF NO SPECIFIC RECOMMENDATIONS ARE AVAILABLE FROM THE CABLE MANUFACTURER, THE CABLE SHOULD NOT BE PULLED OVER A BEND RADIUS SMALLER THAN 20 TIMES THE CABLE DIAMETER.
 5. SEE DRAWING ERG1-000-011 FOR UNDERGROUND RACEWAY NOTES AND INSTALLATION DETAILS.
- REFERENCE DRAWING:**
- A01-100 PARCEL 1 PRE-ENGINEERED BUILDING LAYOUT
 - A01-101 PARCEL 2 PRE-ENGINEERED BUILDING LAYOUT
 - A01-085 CAMERA AND FENCE POLE DETAILS
 - SP-000 FIBERLINE SECURITY SYSTEM
 - ECG1-100 ELECTRICAL SECURITY AND ACCESS CONTROL SYSTEM PLAN
 - ERG1-000-1 ELECTRICAL UNDERGROUND RACEWAY NOTES AND INSTALLATION DETAILS

Digitally signed by
Alan N. Vallow,
PE
Reason:
Reviewed For
Code Compliance
Date: 2019.03.20
07:40:00 -07'00'



INTERDISCIPLINE REVIEW																				DESIGN: CMS 10-16-2018 DRN 10-16-2018 CKD TAD 12-17-2018										 POWER ENGINEERS 1818 FIGHTER DR, BOX 1000 OVERLAND PARK, KANSAS 66150-1000 (913) 691-2381 www.powereng.com										STANTON ENERGY RELIABILITY CENTER OVERALL SITE ELECTRICAL SECURITY AND ACCESS CONTROL SYSTEM DETAILS										JOB NUMBER 149368 REV 5 DRAWING NUMBER EC01-100-1																			
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BILL OF MATERIALS												
SYMBOL	MANUFACTURER	PART NUMBER	DESCRIPTION	LAMP	VOLTAGE (AC)	INPUT WATTS	LUMEN OUTPUT @25 DEG C	MOUNTING HEIGHT	MOUNTING CONFIGURATION	SENSOR/CONTROL	SENSOR/CONTROLLER PART NUMBER	COMMENTS
L1	HOLOPHANE	PLED2_10L_4K_AS_UN_NA_G_L5 WITH PSUS-GR_SH	PETROLUX LED GEN2 WET LOCATIONS (PLED2): PLED2, 12,000 LUMENS, 4,000K CCT (+/- 25%), AUTO-SENSING (120-277V), UNIVERSAL MOUNT, NO CORD, GRAY, TYPE 5, LOW ANGLE, GLASS, UPLIGHT SHIELD, GRAY UNIVERSAL MOUNT ARM	LED	208V	99W	11,245	10 FT AFG	WALL/STANCHION MOUNT	OUTDOOR SENSOR; UNEVOLTAG, HIGH MOUNT, OUTDOOR PIR WITH ON/OFF/DM PHOTOCELL, AUTOSENSING 120-277VAC, SHORT EXTENSION, LOW BACK, DARK BRONZE, MIN DIME LEVEL 4VDC	SBOR_10_DOP_EB2_BZ_4V	CN300 TO FURNISH & INSTALL
L2	HOLOPHANE	PLED2_15L_4K_AS_UN_NA_G_L5 WITH PSUS-GR_SH	PETROLUX LED GEN2 WET LOCATIONS (PLED2): PLED2, 15,000 LUMENS, 4,000K CCT (+/- 25%), AUTO-SENSING (120-277V), UNIVERSAL MOUNT, NO CORD, GRAY, TYPE 5, LOW ANGLE, GLASS, UPLIGHT SHIELD, GRAY UNIVERSAL MOUNT ARM	LED	208V	185W	18,195	16 FT AFG	WALL/STANCHION MOUNT	OUTDOOR SENSOR; UNEVOLTAG, HIGH MOUNT, OUTDOOR PIR WITH ON/OFF/DM PHOTOCELL, AUTOSENSING 120-277VAC, SHORT EXTENSION, LOW BACK, DARK BRONZE, MIN DIME LEVEL 4VDC	SBOR_10_DOP_EB2_BZ_4V	CN300 TO FURNISH & INSTALL
L3	HOLOPHANE	PLED2_15L_4K_AS_UN_NA_G_L5 WITH PSUS-GR_SH	PETROLUX LED GEN2 WET LOCATIONS (PLED2): PLED2, 15,000 LUMENS, 4,000K CCT (+/- 25%), AUTO-SENSING (120-277V), UNIVERSAL MOUNT, NO CORD, GRAY, TYPE 5, LOW ANGLE, GLASS, UPLIGHT SHIELD, GRAY UNIVERSAL MOUNT ARM	LED	208V	185W	18,195	15 FT AFG	WALL/STANCHION MOUNT	N/A	N/A	CN300 TO FURNISH & INSTALL
L4	HOLOPHANE	PMLD2_4_K_10A_AS_36_3_K_BP_30_25_DM	PREDATOR MEDIUM LED WET LOCATIONS (PMLD2): 4 MODULE, 4,000K CCT, DIMMABLE, AUTOSENSING (120-277), YOKE MOUNT, 30FT #12AWG CORD, BLACK, PRISMATIC GLASS	LED	208V	177W	21,000	10 FT AFG	CEILING MOUNT	N/A	N/A	CN300 TO FURNISH & INSTALL
L5	ELECTRIC TIME COMPANY	SP-6996-LED-FA	OUTDOOR CANISTER CLOCK - ILLUMINATED FACE	LED	115V	15W	2,000	61 FT TOC	WALL MOUNT	CLOCK CONTROLLER: 120VAC INPUT POWER, RS-485 COMMUNICATIONS, 24VDC CLOCK OUTPUTS	DS-483 (R9B4M)	OWNER FURNISHED CN300 TO INSTALL
L6	LITHONIA	WST_LED_P1_30K_VF_120_PFR	WALL 30000 WST LED, 1,500 LUMENS, 3000K, FORWARD THROW, 120VAC, WALL MOUNT, MOTION/AMBIENT LIGHT SENSOR	LED	120V	12W	1,629	ABOVE DOOR	WALL MOUNT	MOTION/AMBIENT LIGHT SENSOR INTEGRAL TO FIXTURE	N/A	SPECIFIED, FURNISHED & INSTALLED BY OTHERS
L7	CRUISE HINDS	VMV7LJDM1UNV	CHAMP VMV: HAZARDOUS AREA LED, STANCHION MOUNT	LED	120-277V	82W	7,195	14 FT AFG	STANCHION MOUNT	N/A	N/A	SPECIFIED, FURNISHED & INSTALLED BY OTHERS
L8	CRUISE HINDS	PFM11LCYUNV1_76	CHAMP PFM LED FLOODLIGHTS 11,107 LUMENS, 5000K, 70CRI (COOL WHITE)	LED	120-277V	99W	11,107	20 FT AFG	YOKE MOUNT	N/A	N/A	SPECIFIED, FURNISHED & INSTALLED BY OTHERS
S	HUBBELL-BELL	5137-Q	DOUBLE POLE 120-277V, 20A "ON-OFF" SWITCH IN A SINGLE GANG IRON BOX W/ THREADED HUB	N/A	120-277V (L-N) 60HZ	N/A	N/A	4 FT AFG	SURFACE	N/A	N/A	CN300 TO FURNISH & INSTALL
GFCI	HUBBELL	N/A	GFCI NEMA 5-20R, 125V, GRAY, INDUSTRIAL DUPLEX RECEPTACLE IN A SINGLE GANG MALLEABLE IRON BOX WITH THREADED HUB, OUTDOOR COVERS TO BE WEATHER PROOF, POLYCARBONATE IN-JUSE STYLE WITH MOUNTING INSERTS	N/A	120V (L-N) 60HZ	N/A	N/A	2 FT AFG	SURFACE	N/A	N/A	CN300 TO FURNISH & INSTALL
GFCI	HUBBELL	N/A	GFCI NEMA 5-20R, 125V, GRAY, INDUSTRIAL QUADPLEX RECEPTACLE IN A DOUBLE GANG MALLEABLE IRON BOX WITH THREADED HUB, OUTDOOR COVERS TO BE WEATHER PROOF, POLYCARBONATE IN-JUSE STYLE WITH MOUNTING INSERTS	N/A	120V (L-N) 60HZ	N/A	N/A	2 FT AFG	SURFACE	N/A	N/A	CN300 TO FURNISH & INSTALL
W	APPLETON	W5RD	INTERLOCKED WELDING RECEPTACLE W/ ENCLOSED DISCONNECT SWITCH- NEMA 4X, 480V, 30A, 3W4P	N/A	480V	N/A	N/A	3 FT AFG	SURFACE	N/A	N/A	CN300 TO FURNISH & INSTALL
LC	GE	CR463W4DCJA14B1	LIGHTING CONTACTOR, NEMA 1 ENCLOSURE, 4 NO CONTACTS, 120VAC COIL, HOA SELECTOR SWITCH (MAINTAINED), STANDARD PILOT LIGHT ON	N/A	120V	N/A	N/A	GRADE	SURFACE	N/A	N/A	FURNISHED & INSTALLED BY OTHERS
PC	INTERMATIC	K4121M	PHOTOCELL, 120VAC, 2000W, SPST CONTACT, REMOVE MOUNTED	N/A	120V	N/A	N/A	NOTE 10	NOTE 10	N/A	N/A	FURNISHED & INSTALLED BY OTHERS
CU2W	HUBBELL LIGHTING COMPASS	CU2WG	CU2W SERIES EMERGENCY UNIT, GREY, WET LOCATION, 2 LED LAMP HEADS, NICKEL CADMIUM BATTERIES FOR 90MIN OPERATION	LED	120V	2.7W		1' ABOVE DOORWAY	WALL	N/A	N/A	CN300 TO FURNISH AND INSTALL

GENERAL NOTES:

- ALL LIGHT FIXTURES AND LIGHT CONTROLS SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE (CBC).
 - CALIFORNIA BUILDING CODE (CBC).
 - TITLE 24, PART 6 - BUILDING ENERGY EFFICIENCY STANDARD
 - 110.9 - MANDATORY REQUIREMENTS FOR LIGHTING CONTROL DEVICES AND SYSTEMS, BALLAST, AND LUMINAIRES
 - 130.2 - LIGHTING CONTROLS AND EQUIPMENT - GENERAL
 - 130.2 - OUTDOOR LIGHTING CONTROLS & EQUIPMENT
 - TITLE 20 - APPLIANCE EFFICIENCY REGULATION AND CALIFORNIA CODE OF REGULATIONS
- LIGHTING DESIGN SHALL COMPLY WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA). EXTERIOR ILLUMINATION OF EQUIPMENT AREAS HAVE BEEN DESIGNED TO MEET AN AVERAGE MINIMUM ILLUMINATION OF 2.5 FOOTCANDLES PER ISS.
- LIGHTING INSTALLATION SHALL COMPLY WITH NFPA 70 - 2017 NATIONAL ELECTRIC CODE (NEC).
- ALL FIXTURES SHALL BE COMPLIANT WITH INTERNATIONAL DARK-SKY ASSOCIATION RECOMMENDATIONS FOR LIGHTING ZONE (L2).
- CONTRACTOR SHALL FURNISH AND INSTALL ALL LIGHT FIXTURES, MOTION SENSORS, LIGHTING CONTACTORS, MOUNTING HARDWARE, AND ASSOCIATED CABLE AND CONDUIT NECESSARY TO MAKE A COMPLETE SYSTEM.

- ALL LIGHT FIXTURES SHALL UTILIZE EXISTING STRUCTURAL STEEL OR BUILDING STRUCTURES FOR MOUNTING AND SHALL BE STANCHION OR WALL MOUNTED UNLESS OTHERWISE NOTED.
- FIXTURES SHALL BE MOUNTED PER BILL OF MATERIALS (BOM) UNLESS OTHERWISE NOTED.
- EACH FIXTURE SHALL HAVE AN INDIVIDUAL PHOTOCELL/MOTION SENSOR AS CALLED OUT IN THE BOM. PHOTOCELL/MOTION SENSOR SHALL BE MOUNTED 12" BELOW LUMINAIRE AND DIRECTLY BELOW EACH FIXTURE. CONTRACTOR TO FURNISH AND INSTALL CONDUIT 1" BODY BETWEEN FIXTURE AND SENSOR TO PROVIDE AN ACCESS POINT TO WIRE LEADS.
- LIGHTS SHALL BE 208V AND BE FED FROM OWNER PROVIDED 120/208V POWER PANELS WITH 20A, 2P BREAKERS. SEE PANELBOARD SCHEDULES FOR CIRCUITING. EACH LIGHTING CIRCUIT SHALL NOT HAVE MORE THAN 10 FIXTURES ON ONE SINGLE 208V, 20A BREAKER. SEE EL01-101 FOR RECOMMENDED CIRCUITING AND ALLOTTED POWER PANEL BREAKERS.
- PHOTO CELL SHALL BE MOUNTED EXTERNAL TO UNIT (CMS MODULE, ON NORTH SIDE OF ENCLOSURE WITHIN 12" OF ENCLOSURE ROOF.
- CONTRACTOR TO FURNISH AND INSTALL PHENOLIC NAMEPLATE AS SHOWN ON EL01-105-1 ON EXTERIOR OF LIGHTING CONTACTOR ENCLOSURE.

REFERENCE DRAWINGS:

- EL01-105-1 ELECTRICAL LIGHTING AND RECEPTACLE DETAILS
- EL01-101 ELECTRICAL LIGHTING PLAN
- EL01-102 ELECTRICAL RECEPTACLE PLAN

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Alan N. Vallow,
PE
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INTER-DISCIPLINE REVIEW						
DISC	ARCH	CIVIL	ELECT	ISC	MECH	STRUCT
DATE	*	12-13-2018	12-13-2018	*	12-13-2018	12-13-2018
INT	*	WHI	CMS	*	BSC	SPC

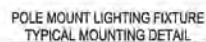
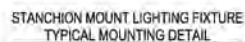
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1	ISSUED FOR CONSTRUCTION	12-17-2018	DMS	CMS	JKB	JKB
2	ISSUED FOR LIGHTING MANAGEMENT PLAN APPROVAL	11-19-2018	DMS	CMS	TAD	JKB
REVISIONS						
REV	DATE	DRN	DSGN	CKD	APPD	

DSGN	BMS	01-31-2018
DRN	DMS	01-31-2018
CKD	TAD	11-19-2018
SCALE:		AS NOTED

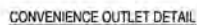
Stanton Energy Reliability Center, LLC
10100 Brentwood Dr., Suite A - Sacramento, CA 95811
Phone: 916-472-2444 Fax: 916-462-2314



STANTON ENERGY RELIABILITY CENTER		JOB NUMBER	REV
OVERALL SITE		149358	1
ELECTRICAL LIGHTING AND RECEPTACLE LEGEND AND GENERAL NOTES		DRAWING NUMBER	EL01-100



NOTE:
1. SEE ELJ1-100 FOR NOTES.



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JOSEPH K. BONDANK, ELECTRICAL, PE # E18016

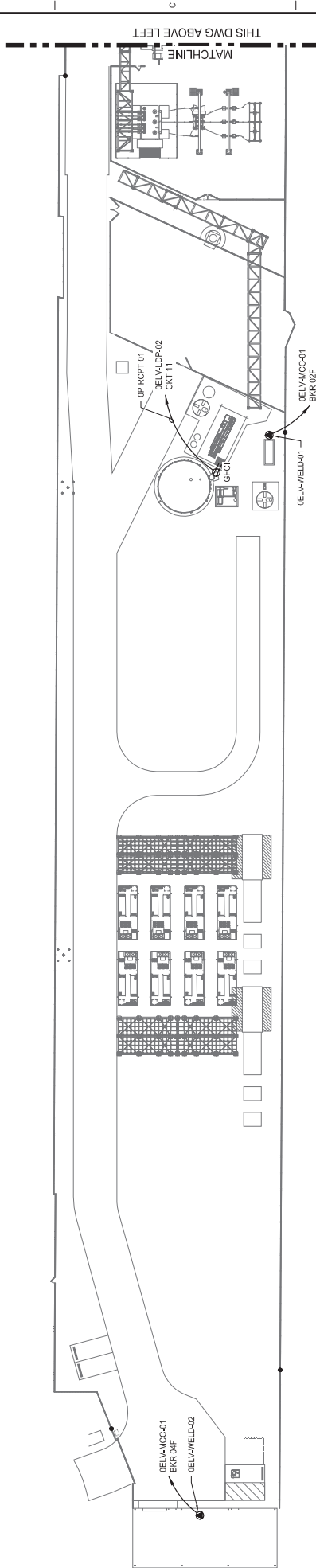
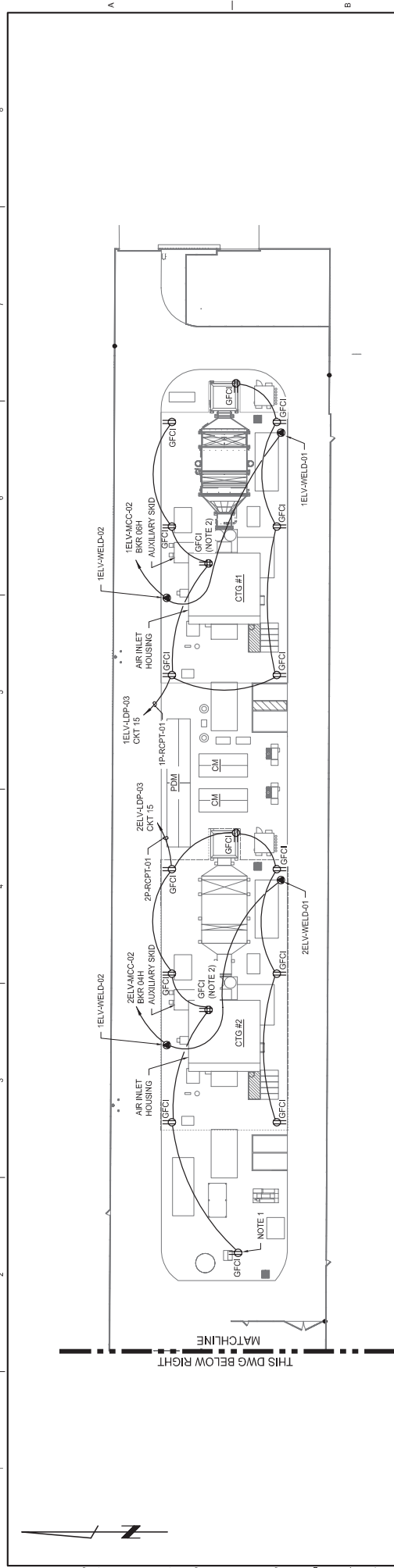
12/17/2018

PROJECT LOCATION:
10711 DALE AVE
STANTON, ORANGE CO., CA 90680

EL01-100-1.DWG

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INTER-DISCIPLINE REVIEW																				DSGN BMS 01-31-2018 DRN 01-31-2018 CKD TAD 11-19-2018										 POWER ENGINEERS Stanton Energy Reliability Center, LLC 901 Hunter Dr., Suite A • Sacramento, CA 95811 (916) 481-0720 • Fax (916) 481-0718										STANTON ENERGY RELIABILITY CENTER										JOB NUMBER 149868										REV 1									
DATE	ARCH	CIVIL	ELECT	MECH	STRUCT																					SCALE: AS NOTED										DRAWING NUMBER																																	
DISC	*	12-13-2018	12-13-2018	*	12-13-2018	1	ISSUED FOR CONSTRUCTION										12-17-2018	DMS	CMS	CKB	CKB																																																
INIT	*	WHR	CMS	*	BSC	0	ISSUED FOR LIGHTING MANAGEMENT PLAN APPROVAL										11-19-2018	DMS	CMS	TAD	CKD											ELECTRICAL LIGHTING AND RECEPTACLE DETAILS																																					
REV						REVISIONS						DATE	DRN	DSGN	CKD	APPR																																																					
										(FOR YOURS EPOCH ONLY)																																																											



ELECTRICAL RECEPTACLE PLAN

SCALE: 1"=30'

- NOTES:**
1. MOUNT RECEPTACLE TO AMMONIA FORWARD PUMP CONTAINMENT WALL FOR PORTABLE SUMP PUMP.
 2. CONTRACTOR TO FURNISH AND INSTALL QUADPOLEX OUTLET BENEATH AIR INLET HOUSING AND NEAR AUXILIARY SMD APPROX. 30" AFG.
 3. HOME RUN POWER CIRCUITS FOR RECEPTACLES ONLY ARE SHOWN IN CABLE SCHEDULE. CONTRACTOR TO FIELD ROUTE WIRING BETWEEN RECEPTACLES AS SHOWN.

REFERENCE DRAWINGS:

ELU-100	ELECTRICAL LIGHTING AND RECEPTACLE LEGEND AND GENERAL NOTES
E000A-300-1	UNIT 1 460V BOP MCC - 2ELV-MCC-02 ONE-LINE DIAGRAM - SH. 1 OF 2
E000A-301-1	UNIT 1 460V BOP MCC - 2ELV-MCC-02 ONE-LINE DIAGRAM - SH. 1 OF 2
E000A-302-1	480V WATER TREATMENT MCC - 1ELV-MCC-01 ONE-LINE DIAGRAM
E000A-303-1	COMMON 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES
E000A-421	UNIT 1 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES
E000A-432	UNIT 1 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES
E000A-433	UNIT 2 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES
E000A-434	UNIT 2 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES

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Vallow, PE
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08:11:56 -07'00'



JOSEPH K. BONDANK, ELECTRICAL, PE # E18316
PROJECT LOCATION
10711 DALE AVE

10711 DALE AVE
STANTON, ORANGE CO., CA 90680

REV	JOB NUMBER	REV
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149308	
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DRAWING NUMBER

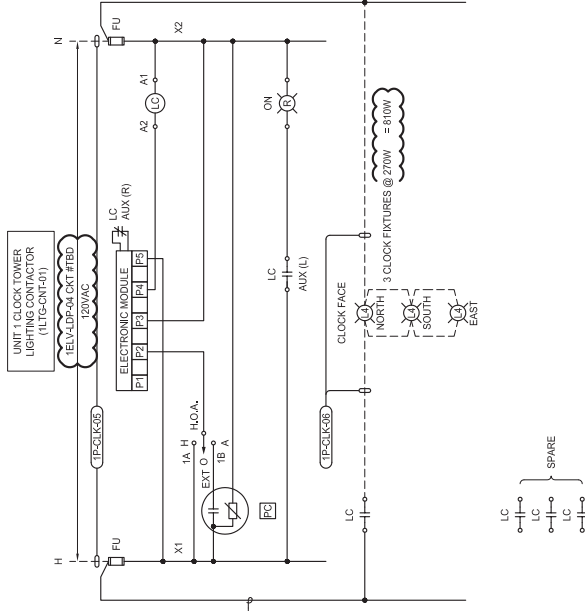
LE PLAN

1	2
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LEGEND

- PC PHOTOCELL
OS OCCUPANCY SENSOR
LC LIGHTING CONTACTOR
S LIGHT SWITCH (2-POLE, 208VAC)

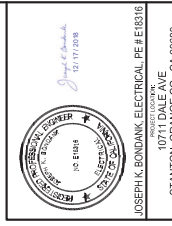
REFERENCE DRAWINGS:
E000-432 UNIT 1 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES
E000-433 UNIT 1 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES



SELECTOR SWITCH

H.O.A.	AUTO	THIS DWG
1A	X	THIS DWG
1B		THIS DWG

MAINTAINED SWITCH,
SWITCH SHOWN IN OFF POSITION.



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PE

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REV	REVISION	JOB NUMBER	STANTON ENERGY RELIABILITY CENTER
1		145988	
		DRAWING NUMBER	EL01-200
		ELECTRICAL LIGHTING SCHEMATIC	



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OVERLAND PARK, KANSAS 66105-1000
(913) 581-2881 www.stantonenergy.com

DSGN	KRG	10-24-2018
DRN	MJH	11-13-2018
CKD	TAD	11-19-2018
SCALE:		AS NOTED

FOR 22x34 DWG ONLY

DSMS	CMS		JKB		JKB
DSMS	CMS		TAD		JKB
DRN	DSGN		CKD		APPD

		12-17-2018	(
	LAN APPROVAL	11-19-2018	(
		DATE	I

FOR CONSTRUCTION
FOR LIGHTING MANAGEMENT PLAN
REVISIONS

					</

DISCIPLINE REVIEW		
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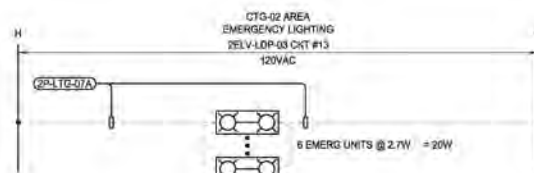
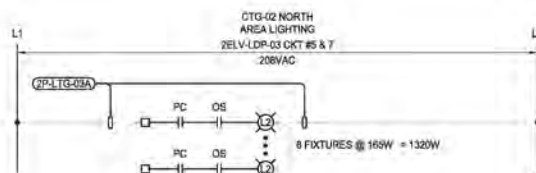
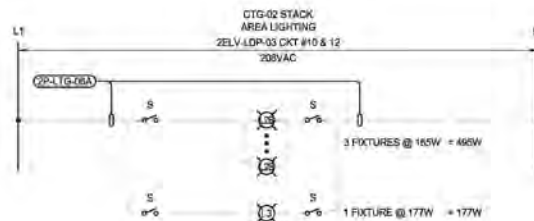
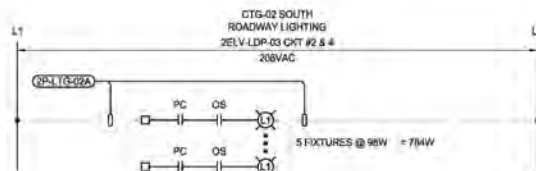
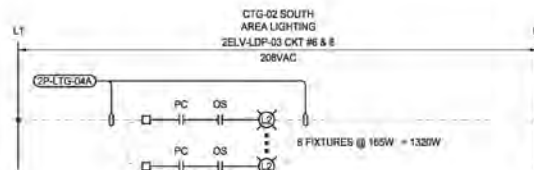
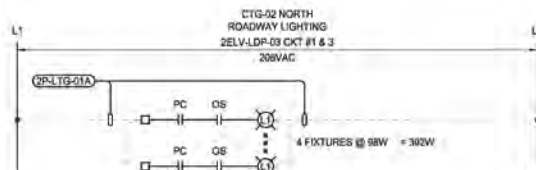
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LEGEND

PC PHOTOCELL
OS OCCUPANCY SENSOR
S LIGHT SWITCH (2-POLE, 208VAC)

REFERENCE DRAWINGS:

EC00-442 UNIT 2 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES



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INTER-DISCIPLINE REVIEW

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DATE	*	*	*	*	*	*
INT	*	*	*	*	*	*

REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
1	ISSUED FOR CONSTRUCTION	12-17-2018	DMS	CMS	JKB	JKB
0	ISSUED FOR LIGHTING MANAGEMENT PLAN APPROVAL	11-19-2018	DMS	CMS	TAD	JKB

DSGN	KRG	10-24-2018
DRN	M.J.H.	11-13-2018
CKD	TAD	11-19-2018
SCALE	AS NOTED	

Stanton Energy Reliability Center, LLC
808 Bristol Dr., Suite A - Sacramento, CA 95811
Phone: 916-472-9468 Fax: 916-462-2118



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(913) 891-2581 www.powereng.com

STANTON ENERGY RELIABILITY CENTER

CTG-02 AREA

ELECTRICAL LIGHTING
SCHEMATIC

JOB NUMBER

149058

DRAWING NUMBER

EL01-201

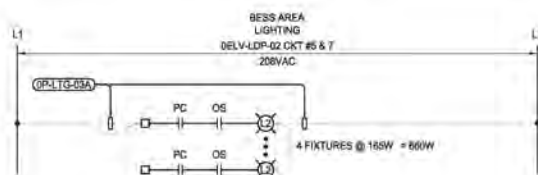
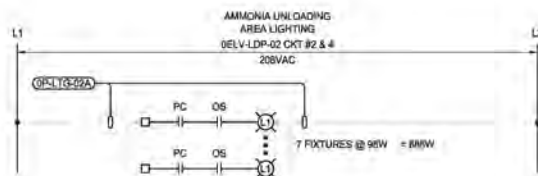
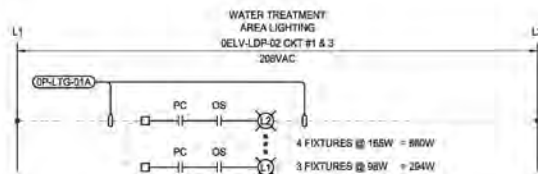
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LEGEND

PC PHOTOCELL
OS OCCUPANCY SENSOR
S LIGHT SWITCH (2-POLE, 208VAC)

REFERENCE DRAWINGS:

EC00-421 COMMON 208Y/120VAC DISTRIBUTION PANELBOARD SCHEDULES



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JOSEPH N. BONDANK, ELECTRICAL, PE # E18316
10711 DALE AVE
STANTON, ORANGE CO., CA 92680

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INIT	*	*	*	*	*	*

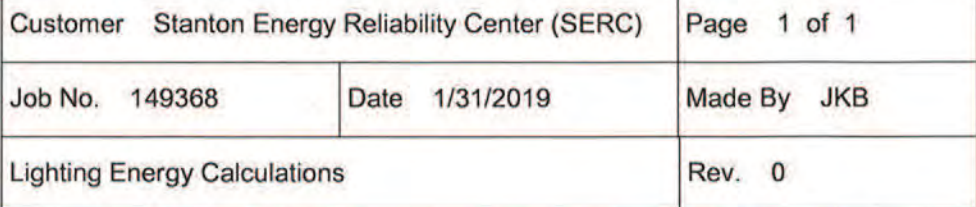
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1	ISSUED FOR CONSTRUCTION	12-17-2018	DMS	CMS	JKB	JKB
0	ISSUED FOR LIGHTING MANAGEMENT PLAN APPROVAL	11-19-2018	DMS	CMS	TAD	JKB

DSGN	KRG	10-24-2018
DRN	MJM	11-13-2018
CKD	TAD	11-19-2018
SCALE: AS NOTED		

Stanton Energy Reliability Center, LLC
508 Breckenridge Dr., Suite A - Sacramento, CA 95811
Phone: 916-472-9488 Fax: 916-462-5118

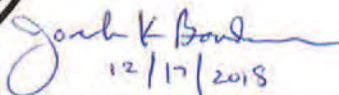


STANTON ENERGY RELIABILITY CENTER	JOB NUMBER 149358	REV 1
OVERALL SITE	DRAWING NUMBER EL01-202	
ELECTRICAL LIGHTING SCHEMATIC		



Stanton Energy Reliability
 Project Name: Center Calculation No.: _____
Stanton Energy Reliability Number of
 Client Name: Center LLC Sheets: _____
 Project Number: 149368 Task Number: _____
 Title: Lighting Energy

	<u>Name</u>	<u>Initials</u>
Designed/Calculated By:	Christina Scapillato	CMS 12/15/2018
Checked By:	Christina Scapillato	CMS 12/15/2018
Approved and Released By:	Joseph Bondank	JKB- 12/17/2018
Code Related:		
Reviewed By:		
P. E.'s Seal No. (If Required):		State of: CA



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 N. Vallow, PE
Reason: Reviewed
For Code
Compliance
Date: 2019.03.20
11:25:48 -07'00'

[illegible]

- ☐ Preliminary Calculation
☒ Final Calculation
☐ Superseded by Calculation Number



W.O. No: 149368 Sheet No: 1 Cont'd on Sht: 2
Client: Stanton Energy Reliability Center, LLC Project: Stanton Energy Reliability Center
Title: ELECT-1 – Lighting Calculations

LIGHTING SYSTEM DESCRIPTION:

The area lighting at the Stanton Energy Reliability Center (SERC) has been designed in accordance with California Building Standard Commission Title 24 – Part 6: California Energy Code. The area lighting is also designed to provide an amount of light needed for safe maneuverability by plant staff during night time hours but not enough light for night time maintenance activities. Task lighting will be needed if night time maintenance is required. The facility is planned to be an unmanned site with maintenance activities scheduled for daylight hours.

Area lighting fixtures are specified as LED type, so energy savings is accomplished by the type of lamp source specified. In addition, fixtures are controlled by occupancy sensors, photo sensors, and bi-level control technology to provide adequate light for basic operations visibility and to maximize energy savings.

POWER's lighting fixture schedule and design is shown on the following drawings:

- EL01-100: ELECTRICAL LIGHTING AND RECEPTACLE LEGEND AND GENERAL NOTES
- EL01-100-1: ELECTRICAL LIGHTING AND RECEPTACLE DETAILS
- EL01-101: ELECTRICAL LIGHTING PLAN
- EL01-200: ELECTRICAL LIGHTING SCHEMATIC
- EL01-201: ELECTRICAL LIGHTING SCHEMATIC
- EL01-202: ELECTRICAL LIGHTING SCHEMATIC

ENERGY SAVINGS BI-LEVEL CONTROL

Each light fixture is specified with an occupancy sensor and photocell sensor. Light fixtures will turn on at dusk and off at dawn. During nighttime hours and without occupancy detected, fixtures will be set at 40% power output. If occupancy is detected, the sensor that detects occupancy will increase the power output/light to 100% for that fixture. Each fixture has its own occupancy sensor, so each fixture will increase based on its own detection. After 5mins of inactivity, the fixture will fade over a period of 5 mins from 100% power output back to 40% power output. See below for lighting power consumption calculations:



W.O. No: 149368 Sheet No: 2 Cont'd on Sht: _____
Client: Stanton Energy Reliability Center, LLC Project: Stanton Energy Reliability Center
Title: ELECT-1 – Lighting Calculations

Lighting Panel & Circuit	Voltage	Operation	Lights @ 40% POWER	Lights @ 100% POWER	Reference Drawing
1ELV-LDP-03, Ckt#1&3	208VAC	Nighttime	196W	490W	EL01-200
1ELV-LDP-03, Ckt#2&4	208VAC	Nighttime	300W	748W	EL01-200
1ELV-LDP-03, Ckt#5&7	208VAC	Nighttime	528W	1320W	EL01-200
1ELV-LDP-03, Ckt#6&8	208VAC	Nighttime	528W	1320W	EL01-200
1ELV-LDP-03, Ckt#10&12	208VAC	Nighttime	70W	177W	EL01-200
1ELV-LDP-03, Ckt#13	120VAC	Emergency	NA	20W	EL01-200
1ELV-LDP-04, Ckt#TBD	120VAC	Nighttime	NA	810W	EL01-200
2ELV-LDP-03, Ckt#1&3	208VAC	Nighttime	157W	392W	EL01-201
2ELV-LDP-03, Ckt#2&4	208VAC	Nighttime	314W	784W	EL01-201
2ELV-LDP-03, Ckt#5&7	208VAC	Nighttime	528W	1320W	EL01-201
2ELV-LDP-03, Ckt#6&8	208VAC	Nighttime	528W	1320W	EL01-201
2ELV-LDP-03, Ckt#10&12	208VAC	Maintenance	NA	672W	EL01-201
2ELV-LDP-03, Ckt#13	120VAC	Emergency	NA	20W	EL01-201
0ELV-LDP-02, Ckt#1&3	208VAC	Nighttime	382W	954W	EL01-201
0ELV-LDP-02, Ckt#2&4	208VAC	Nighttime	268W	668W	EL01-201
0ELV-LDP-02, Ckt#5&7	208VAC	Nighttime	264W	660W	EL01-201
		TOTALS	10,173W	11,675W	

Stanton Energy Reliability Center, LLC	Stanton Energy Reliability Center	Transmittal Document Number	
	TRANSMITTAL	SERC-TRA-153	
		03/06/2019	Page 1 of 2

PURPOSE OF TRANSMITTAL LIGHTING AND SITE SECURITY SYSTEM PLANS	Use/Implementation	X	CBO Submittal	Comments
	Revision/Approval		CEC Submittal	Question
	Answer		Information	As-Built
	Design		Construction	Contract
	Cancelled			

SERC DISTRIBUTION					OTHERS DISTRIBUTION				
	E	U	P	D		E	U	P	D
Kara Miles	X				CBO		X		
Paul Cummins	X								
Tim Bofman	X								
Tom Tinucci	X								
Greg Lamberg	X								
SERC File		1		1					

NUMBER OF COPIES E = Email; U = NewForma FTP, P = Paper Copy; D = Digital

NOTES:

No	DOCUMENT TITLE	REV.	REV. DATE	DOCUMENT FOLDER NAME	CO.
1	SERC_16-AFC-01_ELEC-1-7.1_TRA-153-TRANSMITTAL SERC_03.06.19_190306_PC1	-	3/6/19	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
2	SERC_16-AFC-01_ELEC-1-7.2_EC00-100-SITE SEC & ACCESS CTRL SYS ARCHITECTURE_REV0_190306_PC1	0	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
3	SERC_16-AFC-01_ELEC-1-7.3_EC00-200-COMS SYS ARCHITECTURE_REV1_190306_PC1	1	3/6/19	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
4	SERC_16-AFC-01_ELEC-1-7.4_EC01-100-SECURITY & ACCESS CTRL SYS PLAN_REV0_190306_PC1	0	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
5	SERC_16-AFC-01_ELEC-1-7.5_EC01-100-1-SECURITY & ACCESS CTRL SYS DTLS_REV0_190306_PC1	0	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC

Stanton Energy Reliability Center, LLC	Stanton Energy Reliability Center	Transmittal Document Number	
	TRANSMITTAL	SERC-TRA-153	
		03/06/2019	Page 2 of 2

6	SERC_16-AFC-01_ELEC-1-7.6_EL01-100-LIGHTING & RECEPTACLE LEGEND & GEN NOTES_REV1_190306_PC1	1	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
7	SERC_16-AFC-01_ELEC-1-7.7_EL01-100-1-LIGHTING & RECEPTACLE DTLS_REV1_190306_PC1	1	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
8	SERC_16-AFC-01_ELEC-1-7.8_EL01-101-LIGHTING PLAN_REV1_190306_PC1	1	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
9	SERC_16-AFC-01_ELEC-1-7.9_EL01-102-RECEPTACLE PLAN_REV1_190306_PC1	1	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
10	SERC_16-AFC-01_ELEC-1-7.10_EL01-200-LIGHTING SCHEMATIC_REV1_190306_PC1	1	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
11	SERC_16-AFC-01_ELEC-1-7.11_EL01-201-LIGHTING SCHEMATIC_REV1_190306_PC1	1	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
12	SERC_16-AFC-01_ELEC-1-7.12_EL01-202-LIGHTING SCHEMATIC_REV1_190306_PC1	1	12/17/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC
13	SERC_16-AFC-01_ELEC-1-7.13_LIGHTING ENERGY CALCS_REV0_190306_PC1	0	1/31/18	SERC_16-AFC-01_ELEC-1-7.0_LIGHTING & SITE SEC SYS PLANS_190306_PC1	SERC

Attachment 9 – GEN-2 Master Drawing List

Drawing Number	Rev.	Dwg. Revision Date	Drawing Title	Ready for CBO Submittal?	SCHEDd Submittal date to DCBO	COC	Date Submitted to DCBO	Submitted Condition of Certification	DCBO Status	DCBO Status Date	Resubmittal Status	Resubmittal Date	ARB Requested SCHED
00-COVER	0	12/17/2018	COVERSHEET	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C00-001	2	2/6/2019	GENERAL CIVIL NOTES	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-011	4	2/6/2019	PARCEL 1 SITE LAYOUT PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-012	4	2/6/2019	PARCEL 2 SITE LAYOUT PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-031	4	2/6/2019	PARCEL 1 GRADING & DRAINAGE PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-032	4	2/6/2019	PARCEL 2 GRADING & DRAINAGE PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-041	4	2/6/2019	PARCEL 1 PAVEMENT PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-042	3	2/6/2019	PARCEL 2 PAVEMENT PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-051	0	1/16/2019	BRIDGE SITE PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-080	1	1/9/2019	SITE DTLS	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-081	1	1/9/2019	SITE DTLS	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-083	2	2/6/2019	SITE DTLS	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-084	1	1/9/2019	SITE DTLS	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-085	1	1/9/2019	CAMERA & FENCE POLE DTLS	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
C01-086	1	1/9/2019	GATE DTLS	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
CY01-001	3	1/16/2019	YARD LAYOUT PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
EX-C-01	0	1/16/2019	STORMTECH EXHIBIT	YES	1/17/2019	CIVIL-1-1.0	2/6/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
		1/15/2019	DRAINAGE REPORT	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
		12/21/2018	EROS & CTRL PLAN	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
		12/4/2018	CITY OF STANTON G&D PLAN COMMENTS	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
		1/10/2019	CITY OF STANTON G&D PLAN RESPONSE	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
		1/15/2019	SOCAL GAS GEN ARR	YES	1/17/2019	CIVIL-1-1.0	1/17/2019	CIVIL-1-1.0	PC1 Com rec	2/1/2019	Cond. Appr.	2/8/2019	1/15/2019
		2/6/2019	STORMTECH REF DOCS	YES	2/6/2019	CIVIL-1-1.0	2/6/2019	CIVIL-1-1.0			Cond. Appr.	2/8/2019	1/15/2019
		2/6/2019	GRADING & DRAINAGE CBO RVW LTR RESP	YES	2/6/2019	CIVIL-1-1.0	2/6/2019	CIVIL-1-1.0			Cond. Appr.	2/8/2019	1/15/2019
			INSTALL SPECS - All Discipline, Enclosure	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A01-100 (included in E	0	12/17/2018	PARCEL 1 PRE-ENGINEERED BUILDING LAYOUT	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A01-101 (included in E	1	1/18/2019	PARCEL 2 PRE-ENGINEERED BUILDING LAYOUT	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A02-100 (included in E	0	12/17/2018	PWR BLOCK WALL ARCH ROOF PLAN	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A02-101 (included in E	0	12/17/2018	PWR BLOCK WALL ARCH N ELEV	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A02-102 (included in E	0	12/17/2018	PWR BLOCK WALL ARCH S ELEV	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A02-103 (included in E	0	12/17/2018	PWR BLOCK WALL ARCH E ELEV	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A02-104 (included in E	0	12/17/2018	PWR BLOCK WALL ARCH W ELEV	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A02-105 (included in E	0	12/17/2018	AIR COMPRESSOR SUN SHADE ARCH ROOF PLAN & ELEVS	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A06-100 (included in E	0	12/17/2018	RO SUN SHADE ARCH ROOF PLAN & ELEVS	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A08-100 (included in E	0	12/17/2018	WAREHOUSE ARCH FLOOR PLAN	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A08-101 (included in E	0	12/17/2018	WAREHOUSE ARCH SOUTH & EAST ELEVS	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
A08-102 (included in E	0	12/17/2018	SOLID WASTE STORAGE ARCH ROOF PLAN & ELEVS	YES	1/17/2019	CIVIL-1-2.0	1/18/2019	CIVIL-1-2.0	PC1 Com rec	2/1/2019	Approved	2/8/2019	2/15/2019
	-	2/6/2019	INSTALL SPECS CBO RVW LTR RESPONSE	YES	2/6/2019	CIVIL-1-2.0	2/6/2019	CIVIL-1-2.0			Approved	2/8/2019	2/15/2019
	-	2/4/2019	SPEC 149368-0320 ADDENDUM NO. 1	YES	2/6/2019	CIVIL-1-2.0	2/6/2019	CIVIL-1-2.0			Approved	2/8/2019	2/15/2019
		1/17/2019	BRDG ABUTMENT CALCS	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
33000	-	1/16/2019	CAST-IN-PLACE CONC	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
55000	-	1/16/2019	METAL FABS	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
BR18-01395	3	2/8/2019	SERC BRDG	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-001	1	2/11/2019	BRDG STRUC NOTES	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-002	-	1/16/2019	BRDG SPCL INSP	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-003	-	1/16/2019	TYP DTLS	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-101	1	2/11/2019	BRDG PLAN	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-102	2	2/11/2019	W ABUTMENT PLAN	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-103	-	1/16/2019	E ABUTMENT PLAN	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-201	-	1/16/2019	BRDG ELEV	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-202	-	1/16/2019	ABUTMENT ELEV	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-301	2	1/16/2019	ABUTMENT SCN	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019

S-302	1	2/11/2019	WINGWALL SCNS	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-501	-	1/16/2019	STRUC DTL	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
S-601	-	1/16/2019	WALL DRNGE DTLS	YES	1/17/2019	STRUC-1-1.0	1/17/2019	STRUC-1-1.0	PC1 Com rec	1/25/2019	PC2 Com rec	2/18/2019	1/17/2019
	-	2/8/2019	BRIDGE DESIGN CBO RVW LTR RESP	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
BR18-01395	0	6/2/2010	INSTALLATION GUIDE	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
BR18-01395	-	1/30/2019	AASHTO SEISMIC LOADING	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
BR18-01395	-	1/30/2019	ASCE 7-10 SEISMIC LOADING	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
BR18-01395	-	11/27/2018	BRIDGE DESIGN CALCS	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
BR18-01395	-	1/30/2019	CAL-TRANS SEISMIC LOADING	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
2017-00516	-	12/26/2018	OCPW ENCROACHMENT PERMIT	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
	-	2/11/2019	FENCE & SIGN POST CALCS	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
C01-051	0	1/16/2019	BRIDGE SITE PLAN	YES	2/8/2019	STRUC-1-1.0	-	STRUC-1-1.0			PC2 Com rec	2/18/2019	1/17/2019
01-AKP	1	1/18/2019	AREA KEY PLAN	YES	1/24/2019	STRUC-1-2.0	1/23/2019	STRUC-1-2.0	PC1 Com rec	2/5/2019	PC2 Approved	2/8/2019	2/15/2019
S00-001	1	2/8/2019	GENERAL STRUC NOTES	YES	1/24/2019	STRUC-1-2.0	1/23/2019	STRUC-1-2.0	PC1 Com rec	2/5/2019	PC2 Approved	2/8/2019	2/15/2019
S00-002	1	2/5/2019	SITE WORK NOTES	YES	1/24/2019	STRUC-1-2.0	1/23/2019	STRUC-1-2.0	PC1 Com rec	2/5/2019	PC2 Approved	2/8/2019	2/15/2019
SF00-000	1	2/8/2019	STRUC FDN CONCRETE NOTES	YES	1/24/2019	STRUC-1-2.0	1/23/2019	STRUC-1-2.0	PC1 Com rec	2/5/2019	PC2 Approved	2/8/2019	2/15/2019
SF00-001	1	2/8/2019	STRUC FDN CONCRETE NOTES	YES	1/24/2019	STRUC-1-2.0	1/23/2019	STRUC-1-2.0	PC1 Com rec	2/5/2019	PC2 Approved	2/8/2019	2/15/2019
SF00-010	0	12/17/2018	STRUC FDN ST&ARD DTLS	YES	1/24/2019	STRUC-1-2.0	1/23/2019	STRUC-1-2.0	PC1 Com rec	2/5/2019	PC2 Approved	2/8/2019	2/15/2019
	-	2/8/2019	CBO REVIEW LETTER RESPONSE	YES	2/8/2019	STRUC-1-2.0	2/8/2019	STRUC-1-2.0			PC2 Approved	2/8/2019	2/15/2019
EP00-000	0	12/17/2018	ELEC LEGEND & GENERAL NOTES	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
EP01-100	0	12/17/2018	ELEC EQUIP LOC KEY PLAN, LEGEND, & NOTES	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
EP01-101	1	1/18/2019	ELEC EQUIP LOC PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
EP01-102	1	1/18/2019	ELEC EQUIP LOC PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
EP01-110	0	12/17/2018	ELEC INSTRUMENT LOC KEY PLAN, LEGEND, & NOTES	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
EP01-111	0	12/17/2018	ELEC INSTRUMENT LOC PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
EP01-112	0	12/17/2018	ELEC INSTRUMENT LOC PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-000	0	12/17/2018	ELEC UG RCWY KEY PLAN, LEGEND, & NOTES	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-000-1	0	12/17/2018	ELEC UG RCWY NOTES & INSTALL DTLS	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-000-2	1	1/18/2019	ELEC UG RCWY NOTES & INSTALL DTLS	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-001	1	1/18/2019	ELEC UG RCWY PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-001-1	1	2/1/2019	ELEC UG RCWY STUB-UP PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-001-2	0	12/17/2018	ELEC UG RCWY STUB-UP PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-001-3	1	1/18/2019	ELEC UG DUCTBANK SECTIONS	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-001-4	1	1/18/2019	ELEC UG DUCTBANK SECTIONS	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-002	1	1/18/2019	ELEC UG RCWY PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-002-1	0	12/17/2018	ELEC UG RCWY STUB-UP PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-002-2	0	12/17/2018	ELEC UG RCWY STUB-UP PLAN	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-002-3	1	1/18/2019	ELEC UG DUCTBANK SECTIONS	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
ER01-002-4	1	1/18/2019	ELEC UG DUCTBANK SECTIONS	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
			CABLE & RCWY LISTS	YES	1/24/2019	ELEC-1-1.0	1/23/2019	ELEC-1-1.0	Cond approved	2/5/2019			1/20/2019
SF00-040	0	12/17/2018	STRUC FDN ANCHOR BOLT DTLS	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF00-050	2	3/8/2019	STRUC FDN ANCHOR BOLT SCHED	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-100	2	1/31/2019	FDN LAYOUT	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-101	1	3/8/2019	ERU & EXHAUST STACK FDN PLAN	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-102	1	3/8/2019	TURBINE GEN FDN PLAN	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-102-1	0	12/17/2018	TURBINE GEN FDN ANCHOR BOLT PLAN	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-103	2	3/8/2019	OILY WTR WASTE TANK FDN PLAN	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-104	0	12/17/2018	AUX EQUIP FDN PLAN	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-105	0	12/17/2018	13.8kV SWGR FDN PLAN	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-106	1	3/8/2019	TURBINE REMOVAL FDN PLAN	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-107	0	12/17/2018	ERU PURGE & TEMPERING AIR BLOWER FDN PLAN	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF02-108	0	12/17/2018	NH3 INJECTION SKID FDN PLANS	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
SF03-100	1	1/29/2019	FDN LAYOUT	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
	2	3/7/2019	ERU FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019

	1	1/29/2019	CTG FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
	1	3/7/2019	AUX Skid & Fin-Fan Cooler FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
	1	3/7/2019	Oily WTR Waste Tank FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
	1	3/7/2019	AUX EQUIP FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
	0	12/17/2018	13.8kV SWGR FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
	1	3/7/2019	Turbine Removal FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
	1	1/29/2019	ERU Purge/Tempering Air Blower FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
	1	1/29/2019	NH3 Injection Skid FDN CALC	YES	1/31/2019	STRUC-1-3.0	1/31/2019	STRUC-1-3.0	PC1 Com rec	2/11/2019	PC2 Under Review	3/8/2019	2/15/2019
		3/8/2019	CBO REVIEW LETTER RESPONSE	YES		STRUC-1-3.0		STRUC-1-3.0			PC2 Under Review	3/8/2019	2/15/2019
EO00-000	0	12/17/2018	ONE-LINE LEGEND	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-100	0	12/17/2018	SIMPLIFIED OVERALL SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-101	0	12/17/2018	METERING & PROTECTION SUBSTATION SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-102	1	3/6/2019	METERING & PROTECTION UNIT #1 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-103	1	3/6/2019	METERING & PROTECTION UNIT #2 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-200	0	12/17/2018	4160V FGC SWGR/RVSS SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-300-1	0	12/17/2018	UNIT 1 480V MCC - 1ELV-MCC-01 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-300-2	0	12/17/2018	UNIT 1 480V MCC - 1ELV-MCC-01 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-301-1	0	12/17/2018	UNIT 1 480V BOP MCC - 1ELV-MCC-02 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-301-2	0	12/17/2018	UNIT 1 480V BOP MCC - 1ELV-MCC-02 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-302-1	0	12/17/2018	UNIT 2 480V MCC - 2ELV-MCC-01 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-302-2	0	12/17/2018	UNIT 2 480V MCC - 2ELV-MCC-01 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-303-1	0	12/17/2018	UNIT 2 480V BOP MCC - 2ELV-MCC-02 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-303-2	0	12/17/2018	UNIT 2 480V BOP MCC - 2ELV-MCC-02 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-304	0	12/17/2018	480V WTR TREATMENT MCC - 0ELV-MCC-01 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
EO00-305	0	12/17/2018	COMMON 480V MCC - 0ELV-MCC-02 SLD	YES	1/31/2019	ELEC-1-3.0	1/23/2019	ELEC-1-3.0	Approved	2/6/2019			3/15/2019
E1.0	-	1/23/2019	GENERAL NOTES	YES	1/25/2019	ELEC-1-4.0	1/29/2019	ELEC-1-4.0	Approved	2/8/2019			1/25/2019
E2.0	-	1/23/2019	WEST SIDE	YES	1/25/2019	ELEC-1-4.0	1/29/2019	ELEC-1-4.0	Approved	2/8/2019			1/25/2019
E2.1	-	1/23/2019	EAST SIDE	YES	1/25/2019	ELEC-1-4.0	1/29/2019	ELEC-1-4.0	Approved	2/8/2019			1/25/2019
E3.0	-	1/23/2019	ELECTRICAL SPECS	YES	1/25/2019	ELEC-1-4.0	1/29/2019	ELEC-1-4.0	Approved	2/8/2019			1/25/2019
FP00-100	0	12/17/2018	SITE FIRE PROTECTION SYS ARCHITECTURE	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP00-100-1	0	12/17/2018	SITE FIRE PROTECTION ANNUNCIATOR PANEL	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-000	2	2/7/2019	PARCEL 1 & 2 FIRE PROTECTION UG KEY PLAN	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-001	0	12/17/2018	PARCEL 1 FIRE PROTECTION UG - PIPING PLAN	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-001-1	0	12/17/2018	PARCEL 1 FIRE PROTECTION UG - DTLS	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-001-2	0	12/17/2018	PARCEL 1 FIRE PROTECTION UG - DTLS	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-002	2	2/7/2019	PARCEL 1 & 2 FIRE PROTECTION UG - PIPING PLAN	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-002-1	1	1/29/2019	PARCEL 1 & 2 FIRE PROTECTION UG - DTLS	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-002-2	0	12/17/2018	PARCEL 1 & 2 FIRE PROTECTION UG - DTLS	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-003	1	2/7/2019	PARCEL 2 FIRE PROTECTION UG - PIPING PLAN	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-003-1	0	12/17/2018	PARCEL 2 FIRE PROTECTION UG - DTLS	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-100	0	12/17/2018	PARCEL 1 & 2 FIRE PROTECTION KEY PLAN	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-101	0	12/17/2018	PARCEL 1 FIRE PROTECTION PLAN	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-102	1	1/29/2019	PARCEL 1 & 2 FIRE PROTECTION PLAN	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
FP01-103	0	12/17/2018	PARCEL 2 FIRE PROTECTION PLAN	YES	2/4/2019	WH&S-7-1.0	2/4/2019	WH&S-7-1.0	Resubmit				1/25/2019
EG00-000	0	12/17/2018	ELEC GROUNDING KEY PLAN, LEGEND, & NOTES	YES	2/11/2019	ELEC-1-2.0	2/4/2019	ELEC-1-2.0	Approved	2/15/2019			1/20/2019
EG00-000-1	0	12/17/2018	ELEC GROUNDING GENERAL NOTES & DTLS	YES	2/11/2019	ELEC-1-2.0	2/4/2019	ELEC-1-2.0	Approved	2/15/2019			1/20/2019
EG00-000-2	0	12/17/2018	ELEC GROUNDING GENERAL NOTES & DTLS	YES	2/11/2019	ELEC-1-2.0	2/4/2019	ELEC-1-2.0	Approved	2/15/2019			1/20/2019
EG01-001	0	12/17/2018	ELEC GROUNDING PLAN	YES	2/11/2019	ELEC-1-2.0	2/4/2019	ELEC-1-2.0	Approved	2/15/2019			1/20/2019
EG01-002	1	1/4/2019	ELEC GROUNDING PLAN	YES	2/11/2019	ELEC-1-2.0	2/4/2019	ELEC-1-2.0	Approved	2/15/2019			1/20/2019
EG01-003	1	1/4/2019	ELEC GROUNDING PLAN	YES	2/11/2019	ELEC-1-2.0	2/4/2019	ELEC-1-2.0	Approved	2/15/2019			1/20/2019
EG01-003-1	0	12/17/2018	ELEC GROUNDING PLAN SECTION	YES	2/11/2019	ELEC-1-2.0	2/4/2019	ELEC-1-2.0	Approved	2/15/2019			1/20/2019
			GROUNDING CALCS	YES	2/11/2019	ELEC-1-2.0	2/4/2019	ELEC-1-2.0	Approved	2/15/2019			1/20/2019
SF00-051	1	2/5/2019	STRUC FDN ANCHOR BOLT SCHED	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			2/15/2018
SF01-000	0	12/17/2018	PARCEL 1 OVER EXCAVATION PLAN	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
SF01-001	1	2/5/2019	PARCEL 2 OVER EXCAVATION PLAN	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019

SF01-100	1	2/5/2019	PARCEL 1 & 2 FDN KEY PLAN	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
SF01-101	0	12/17/2018	PARCEL 1 FDN LAYOUT	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
SF01-102	0	12/17/2018	PARCEL 1 FDN LAYOUT	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
SF01-103	0	12/17/2018	PARCEL 1 & 2 FDN LAYOUT	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
SF01-104	0	12/17/2018	PARCEL 2 FDN LAYOUT	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
SF01-105	0	12/17/2018	PARCEL 2 FDN LAYOUT	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
SF01-108	0	12/17/2018	CABLE TRAY SLEEPER FDN PLAN	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
	0	12/17/2018	CABLE TRAY SLEEPER 1 & 2 FDN CALCS	YES	2/5/2019	STRUC-1-4.0	2/6/2019	STRUC-1-4.0	PC1 Com rec	2/20/2019			1/21/2019
SF07-100	1	2/5/2019	BESS ELEC EQUIP FDN LAYOUT	NO	3/11/2019	STRUC-1-5.0							1/20/2019
SF07-101	1	2/5/2019	13.8kV BESS SWGR FDN PLAN	NO	3/11/2019	STRUC-1-5.0							1/20/2019
SF08-100	1	2/5/2019	WAREHOUSE FDN PLAN	YES	3/11/2019	STRUC-1-5.0							1/20/2019
SF08-101	0	12/17/2018	SOLID WASTE STORAGE FDN PLAN	YES	3/11/2019	STRUC-1-5.0							1/20/2019
	0	2/4/2019	13.8kV BESS SWGR FDN CALC	NO	3/11/2019	STRUC-1-5.0							1/20/2019
	0	2/1/2019	Warehouse FDN CALC	YES	3/11/2019	STRUC-1-5.0							1/20/2019
	1	1/28/2019	Solid Waste Storage FDN CALC	YES	3/11/2019	STRUC-1-5.0							1/20/2019
SF04-100	1	2/5/2019	FDN LAYOUT	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
SF04-101	2	3/8/2019	NH3 STORAGE TANK FDN & CONTAINMENT PLAN	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
SF04-101-1	2	3/8/2019	NH3 STORAGE TANK FDN SECTIONS & DTLs	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
SF04-102	0	12/17/2018	FGC FDN PLAN	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
SF04-103	1	3/8/2019	FGC GAS L.O. FIN-FAN COOLER FDN PLAN	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
SF04-104	0	12/17/2018	4160V FGC AUX XFMR FDN PLAN	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
SF04-105	1	2/5/2019	FGC MV SOFT STARTER FDN PLAN	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
SF04-106	1	3/8/2019	SUMP PIT FDN PLAN	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
	2	3/7/2019	NH3 Storage Tank & Containment FDN CALC	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
	1	3/7/2019	FGC FDN CALC	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
	1	3/7/2019	FGC Gas/Lube Oil Fin-Fan Cooler FDN CALC	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
	0	12/4/2018	4160V FGC XFMR FDN CALC	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
	0	1/23/2019	FGC MV Soft Starter FDN CALC	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
	0	12/4/2018	Sump Pit FDN CALC	YES	2/7/2019	STRUC-1-6.0	2/7/2019	STRUC-1-6.0	PC1 Com rec	2/25/2019	PC2 Under Review	3/8/2019	3/15/2019
		3/8/2019	CBO REVIEW LETTER RESPONSE	YES		STRUC-1-6.0					PC2 Under Review	3/8/2019	
GA01-100	0	12/17/2018	PARCEL 1 & 2 GA - KEY PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
GA01-101	0	12/17/2018	PARCEL 1 GA	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
GA01-102	0	12/17/2018	PARCEL 1 GA	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
GA01-103	1	1/29/2019	PARCEL 1 & 2 GA	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
GA01-104	0	12/17/2018	PARCEL 2 GA	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
GA01-105	0	12/17/2018	PARCEL 2 GA	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
GA01-201	0	12/17/2018	PARCEL 1 ISOMETRIC VIEW	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
GA01-202	1	1/29/2019	PARCEL 1 & 2 ISOMETRIC VIEW	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
GA01-203	1	1/29/2019	PARCEL 2 ISOMETRIC VIEW	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-001	1	2/7/2019	UG PIPING KEY PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-002	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-003	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-004	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-005	1	1/29/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-006	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-007	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-008	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-009	2	2/7/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-010	2	2/7/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-011	3	2/7/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-012	2	2/7/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-013	1	2/7/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-014	1	2/7/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-015	1	2/7/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019
MP01-016	1	2/7/2019	UG PIPING PLAN	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			1/15/2019

00DMW-3-215-HM1-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00DMW-3-220-HM1-0	1	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00DMW-3-220-HM1-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00DMW-4-213-HM1-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00DMW-4-213-HM1-0	1	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00DRS-2.5-360-BG1-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00DRS-2.5-361-BG1-0	1	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00FGS-6-201-AB2-0-1	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00FGS-6-201-AB2-0-2	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00FGS-6-201-AB2-0-3	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00FGS-6-203-AC2-0-1	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00FGS-6-203-AC2-0-2	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00FGS-6-203-AC2-0-3	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00PWS-3-270-HM1-0-1	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00PWS-3-270-HM1-0-2	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00PWS-6-208-HM1-0-1	1	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00PWS-6-208-HM1-0-2	0	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00WWS-3-316-HM1-0	1	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00WWS-4-319-PM1-0-1	1	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00WWS-4-319-PM1-0-2	1	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00WWS-4-319-PM1-0-3	1	1/29/2019	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00WWS-4-319-PM1-0-4	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
00WWS-4-319-PM1-0-5	0	12/17/2018	PIPING ISOMETRIC	YES	2/7/2019	MECH-1-1.0	2/8/2019	MECH-1-1.0	Approved	2/26/2019			3/15/2019
MP00-001	0	12/17/2018	PIPING GENERAL NOTES	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-002	0	12/17/2018	PIPING GENERAL NOTES	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-003	0	12/17/2018	PIPING GENERAL NOTES	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-004	0	12/17/2018	PIPING GENERAL NOTES	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-010	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-011	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-012	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-013	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-014	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-015	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-016	0	12/17/2018	UG PIPING PLAN	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-017	0	12/17/2018	PIPING PIPE SPECS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-020	0	12/17/2018	PIPING VALVE SPECS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-021	0	12/17/2018	PIPING VALVE SPECS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-022	0	12/17/2018	PIPING VALVE SPECS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-023	0	12/17/2018	PIPING VALVE SPECS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-024	0	12/17/2018	PIPING VALVE SPECS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-025	0	12/17/2018	PIPING VALVE SPECS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-070	0	12/17/2018	PIPING INSTALL DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-072	2	2/7/2019	PIPING INSTALL DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-075	0	12/17/2018	WALL PENETRATION PIPING DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-076	0	12/17/2018	WALL PENETRATION PIPING DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-077	0	12/17/2018	ROOF PENETRATION PIPING DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-080-1	0	12/17/2018	PIPING INSULATION NOTES	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-080-2	0	12/17/2018	PIPING INSULATION NOTES	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-081	0	12/17/2018	PIPING INSULATION DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-082	0	12/17/2018	PIPING INSULATION DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-090	0	12/17/2018	PIPING INSTMNT DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-091	0	12/17/2018	PIPING INSTMNT DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-092	0	12/17/2018	PIPING INSTMNT DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-093	0	12/17/2018	PIPING INSTMNT DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-100	0	12/17/2018	PIPING UG PIPE DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019

MP00-101	0	12/17/2018	PIPING TRUST BLOCK DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-102	0	12/17/2018	PIPING FIRE WTR DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-104	0	12/17/2018	PIPING DRAIN DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MP00-105	0	12/17/2018	PIPING UG DRAIN DTLS	YES	2/7/2019	MECH-1-2.0	2/8/2019	MECH-1-2.0	Cond approved	2/26/2019			1/15/2019
MPID00-000	0	12/17/2018	P&ID LEGEND	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-001A	0	12/17/2018	P&ID FUEL GAS SYS	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-001B	0	12/17/2018	P&ID FUEL GAS SYS - COMPRESSOR	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-001C	0	12/17/2018	P&ID FUEL GAS SYS - UNIT 1	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-001D	0	12/17/2018	P&ID FUEL GAS SYS - UNIT 2	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-002A	0	12/17/2018	P&ID LUBE OIL SYS - UNIT 1	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-002B	0	12/17/2018	P&ID LUBE OIL SYS - UNIT 2	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-003	1	1/29/2019	P&ID WTR TREATMENT SYS	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-004A	0	12/17/2018	P&ID DEMIN WTR SYS	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-004B	0	12/17/2018	P&ID DEMIN WTR SYS - UNIT 1	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-004C	0	12/17/2018	P&ID DEMIN WTR SYS - UNIT 2	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-004D	0	12/17/2018	P&ID FOGGING SYS	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-005A	0	12/17/2018	P&ID COMPRESSED AIR SYS	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-005B	0	12/17/2018	P&ID COMPRESSED AIR SYS - UNIT 1	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-005C	0	12/17/2018	P&ID COMPRESSED AIR SYS - UNIT 2	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-006A	0	12/17/2018	P&ID NH3 SYS - STORAGE & FORWARDING	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-006B	0	12/17/2018	P&ID NH3 SYS - UNIT 1	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-006C	0	12/17/2018	P&ID NH3 SYS - UNIT 2	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-007A	0	12/17/2018	P&ID POTABLE WTR PARCEL 1	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-007B	0	12/17/2018	P&ID POTABLE WTR PARCEL 2	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-008	0	12/17/2018	P&ID FIRE WTR SYS	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-009A	0	12/17/2018	P&ID WASTE WTR SYS - UNIT 1	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-009B	0	12/17/2018	P&ID WASTE WTR SYS - UNIT 2	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
MPID00-009C	0	12/17/2018	P&ID LUBE OIL CONTAINMENT - AREA 4	YES	2/7/2019	MECH-1-3.0	2/11/2019	MECH-1-3.0	Cond approved	2/26/2019			1/15/2019
SG05-000	0	12/17/2018	66KV ELEC GROUNDING PLAN	YES	3/8/2019	TSE-3							2/15/2018
SG05-000-1	0	12/17/2018	66KV ELEC GROUNDING DTLS	YES	3/8/2019	TSE-3							2/15/2018
SG05-000-2	0	12/17/2018	66KV ELEC GROUNDING DTLS	YES	3/8/2019	TSE-3							2/15/2018
SP05-100	0	12/17/2018	66KV ELEC ARRANGEMENT	YES	3/8/2019	TSE-3							2/15/2018
SP05-100-1	0	12/17/2018	66KV ELEC ELEV A	YES	3/8/2019	TSE-3							2/15/2018
SP05-100-2	0	12/17/2018	66KV ELEC ELEVS B, C, D & E	YES	3/8/2019	TSE-3							2/15/2018
SP05-100-3	0	12/17/2018	13.8KV GSU CONNECTIONS TO CABLE RACK	YES	3/8/2019	TSE-3							2/15/2018
SP05-100-4	0	12/17/2018	66/13.8KV BILL OF MATERIAL	YES	3/8/2019	TSE-3							2/15/2018
SR05-000	0	12/17/2018	66KV ELEC RCWY PLAN	YES	3/8/2019	TSE-3							2/15/2018
SR05-000-1	0	12/17/2018	66KV ELEC RCWY DTLS	YES	3/8/2019	TSE-3							2/15/2018
ES00-812	0	12/17/2018	SWYD CABLE SCHED	YES	3/8/2019	TSE-3							2/15/2018
ES00-813	0	12/17/2018	SWYD CABLE SCHED	YES	3/8/2019	TSE-3							2/15/2018
SF01-107	1	2/5/2019	UTILITY RACK FDN PLAN	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			1/21/2019
SF01-107-1	1	2/5/2019	UTILITY RACK FDN TYPES	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			1/21/2019
SF01-107-2	1	2/5/2019	UTILITY RACK FDN TYPES	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			1/21/2019
SS00-000	0	12/17/2018	STRUC STEEL GENERAL NOTES	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS00-001	0	12/17/2018	STRUC STEEL GENERAL NOTES	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS00-010	1	2/5/2019	STRUC STEEL CONNECTION DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS00-030	0	12/17/2018	STRUC STEEL GUARDRAIL DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS00-031	0	12/17/2018	STRUC STEEL GUARDRAIL CONNECTION DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS00-040	0	12/17/2018	STRUC STEEL LADDER DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS00-041	0	12/17/2018	STRUC STEEL LADDER DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS00-050	0	12/17/2018	STRUC STEEL STAIR DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS01-101	1	2/5/2019	UTILITY RACK 1 STEEL FRAMING PLAN	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS01-101-1	1	2/5/2019	UTILITY RACK 1 STEEL SECTIONS & DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS01-101-2	1	2/5/2019	UTILITY RACK 1 STEEL SECTIONS & DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS01-102	0	12/17/2018	UTILITY RACK 2 STEEL FRAMING PLAN	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019

SS01-102-1	1	2/5/2019	UTILITY RACK 2 STEEL SECTIONS & DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS01-103	1	2/5/2019	UTILITY RACK 2 STEEL FRAMING PLAN	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS01-103-1	1	2/5/2019	UTILITY RACK 2 SECTIONS & DTLS	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS04-101	1	2/5/2019	SUMP COVERS STEEL FRAMING PLAN	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
	0	1/3/2019	Utility Rack 1 Steel CALCs	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
	1	2/5/2019	Utility Rack 2 Steel CALCs	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
	0	1/3/2019	Utility Rack 1 FDNs CALCs	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
	0	2/1/2019	Utility Rack 2 FDNs CALCs	YES	2/14/2019	STRUC-1-7.0	2/19/19	STRUC-1-7.0	PC1 Com rec	3/7/19			2/15/2019
SS02-101	1		WASTE TANK & 480V AUX XFMR STEEL FRAMING PLANS	NO	3/18/2019	STRUC-1-12.0							2/15/2019
SS05-101	1		GEN STEP-UP XFMR STEEL FRAMING PLAN	NO	3/18/2019	STRUC-1-12.0							2/15/2019
SS06-101	0		CHEMICAL FEED STEEL FRAMING PLAN	NO	3/18/2019	STRUC-1-12.0							2/15/2019
SF06-100	1	2/14/2019	FDN LAYOUT	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
SF06-101	0	12/17/2018	DEMIN WTR TANK FDN PLAN	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
SF06-102	1	2/5/2019	RO SKID FDN PLAN	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
SF06-102-1	0	2/5/2019	RO SKID FDN SECTIONS & DTLS	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
SF06-103	1	2/14/2019	DEMIN WTR SKID FDN PLAN	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
SF06-104	1	2/5/2019	FOGGING DRAIN RECYCLE TANK / PUMP FDN PLAN	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
SF06-105	1	2/5/2019	480V WTR TREATMENT MCC FDN PLAN	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
	0	11/28/2018	DEMIN WTR Tank FDN CALC	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
	0	1/2/2019	RO Skid FDN CALC	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
	1	2/14/2019	DEMIN WTR Skid FDN CALC	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
	0	1/7/2019	Fogging Drain Recycle Tank/Pump FDN CALC	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
	0	12/6/2018	480V WTR Treatment MCC FDN CALC	YES	2/14/2019	STRUC-1-9.0	2/15/2019	STRUC-1-9.0	PC1 Com rec	3/4/2019			4/15/2019
00-COVER	0	12/17/2018	COVERSHEET	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00-INDEX-1	1	3/1/2019	DRAWING INDEX SH. 1 OF 5	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00-INDEX-2	1	3/1/2019	DRAWING INDEX SH. 2 OF 5	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00-INDEX-3	1	3/1/2019	DRAWING INDEX SH. 3 OF 5	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00-INDEX-4	1	3/1/2019	DRAWING INDEX SH. 4 OF 5	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00-INDEX-5	0	12/17/2018	DRAWING INDEX SH. 5 OF 5	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP01-100	1	2/20/2019	AG PIPING KEY PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP01-101	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP01-102	2	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP01-102-1	1	2/20/2019	AG PIPING SECTION	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP01-103	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-100	1	2/20/2019	AG PIPING KEY PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-101	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-102	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-102-1	0	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-103	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-103-1	1	2/20/2019	AG PIPING DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-103-2	1	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-103-3	0	2/20/2019	AG PIPING DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-103-4	0	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-104	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-104-1	1	2/20/2019	AG PIPING DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-105	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP02-106	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-100	1	2/20/2019	AG PIPING KEY PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-101	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-102	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-102-1	0	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-103	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-103-1	1	2/20/2019	AG PIPING DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-103-2	1	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-103-3	0	2/20/2019	AG PIPING DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019

MP03-103-4	0	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-104	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP03-104-1	1	2/20/2019	AG PIPING DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP04-100	1	2/20/2019	AG PIPING KEY PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP04-101	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP04-101-1	0	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP04-102	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP04-102-1	0	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP06-100	1	2/20/2019	AG PIPING KEY PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP06-101	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP06-101-1	0	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP06-101-2	0	2/20/2019	AG PIPING SECTIONS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP06-102	1	2/20/2019	AG PIPING PLAN	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP00-110	0	12/17/2018	CEMS UMBILICALS DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP00-111	0	12/17/2018	CEMS UMBILICALS DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
MP00-112	0	12/17/2018	CEMS UMBILICAL DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-001	0	12/17/2018	PIPE SUPPORT GENERAL NOTES & DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-010	1	2/20/2019	MECH PIPING PIPE SUPPORT DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-011	1	2/20/2019	MECH PIPING PIPE SUPPORT DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-012	1	2/20/2019	MECH PIPING PIPE SUPPORT DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-013	1	2/20/2019	MECH PIPING PIPE SUPPORT DTLS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-014	0	2/20/2019	MECHANICAL PIPING PIPE SUPPORT DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-015	0	2/20/2019	MECHANICAL PIPING PIPE SUPPORT DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-016	0	2/20/2019	MECHANICAL PIPING PIPE SUPPORT DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-017	0	2/20/2019	MECHANICAL PIPING PIPE SUPPORT DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-018	0	2/20/2019	MECHANICAL PIPING PIPE SUPPORT DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-019	0	2/20/2019	MECHANICAL PIPING PIPE SUPPORT DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
PS00-020	0	2/20/2019	MECHANICAL PIPING PIPE SUPPORT DETAILS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00CH1-4-266-DA4-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-3-211-DA3-0	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-3-214-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-3-215-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-3-215-DA3-0	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-3-220-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-3-220-DA3-0	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-4-208-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-4-212-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-4-213-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DMW-4-213-DA3-0	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00DRS-4-231-PM1-0	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00FGS-4-206-AC2-1	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00FGS-4-207-AC2-1	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00FGS-4-304-AA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00FGS-8-305-AC2-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00LOS-4-204-AC2-1	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00LOS-4-205-AC2-1	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00PWS-3-270-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00PWS-6-208-DA3-0-1	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00PWS-6-208-DA3-0-2	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00WWS-3-316-DA3-0	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00WWS-3-316-DA3-0	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00WWS-3-317-DA3-0	0	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
00WWS-4-320-PM1-0	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
01DMW-3-216-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
01DMW-3-221-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019

01DRS-3-350-BG1-1-1	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
01DRS-3-350-BG1-1-2	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
01FGS-3-010-DC1-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
01FGS-4-203-AC2-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
02DMW-3-216-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
02DMW-3-221-DA3-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
02DRS-3-350-BG1-1-1	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
02DRS-3-350-BG1-1-2	1	2/20/2019	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
02FGS-3-010-DC1-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
02FGS-4-203-AC2-0	0	12/17/2018	PIPING ISOMETRIC	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
	1	3/1/2019	MECH, LINE, VALVE, INSTRUMENT, AND SPECIALTY LISTS	YES	2/20/2019	MECH-1-4.0	3/1/2019	MECH-1-4.0	Cond approved	3/11/2019			3/15/2019
	0	1/11/2019	SHORT CIRCUIT ANALYSIS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
	0	1/31/2019	VOLTAGE DROP CALCULATIONS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-400	2	3/6/2019	125VDC SYS SLD & PNL BRD SCHED	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-401	1	3/6/2019	125VDC SYS SLD & PNL BRD SCHED	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-410	2	3/6/2019	208Y/120VAC UPS PWR SYS SLD & PNL BRD SCHED	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-411	1	2/13/2019	208Y/120VAC UPS PWR SYS WTR TREATMENT PNL BRD SCHED	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-420	1	2/13/2019	COM 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-421	1	2/13/2019	COM 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-430	1	2/13/2019	UNIT 1 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-431	1	2/13/2019	UNIT 1 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-432	1	2/13/2019	UNIT 1 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-433	1	2/13/2019	UNIT 1 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-440	1	2/13/2019	UNIT 2 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-441	1	2/13/2019	UNIT 2 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-442	1	2/13/2019	UNIT 2 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
EO00-443	1	2/13/2019	UNIT 2 208Y/120VAC DIST PNL BRD SCHEDS	YES	3/8/2019	ELEC-1-9.0							3/15/2019
SF05-100	1	2/5/2019	GSU FDN LAYOUT	YES	2/14/2019	STRUC-1-8.0	2/12/2019	STRUC-1-8.0	PC1 Com rec	2/25/2019			2/15/2019
SF05-101	1	2/5/2019	GSU FDN PLAN	YES	2/14/2019	STRUC-1-8.0	2/12/2019	STRUC-1-8.0	PC1 Com rec	2/25/2019			2/15/2019
SF05-101-1	1	2/5/2019	GSU FDN SECTIONS & DTLS	YES	2/14/2019	STRUC-1-8.0	2/12/2019	STRUC-1-8.0	PC1 Com rec	2/25/2019			2/15/2019
	0	2/1/2019	GSU FDN CALC	YES	2/14/2019	STRUC-1-8.0	2/12/2019	STRUC-1-8.0	PC1 Com rec	2/25/2019			2/15/2019
SF05-102	1	2/27/2019	SWYD SUPPORTS FDN PLAN	YES	2/21/2019	STRUC-1-10.0							2/15/2019
SF05-103	1	2/27/2019	SPM FDN PLAN	YES	2/21/2019	STRUC-1-10.0							2/15/2019
SS05-102	1	2/27/2019	SPM TRENCH COVER STEEL FRAMING PLAN	YES	2/21/2019	STRUC-1-10.0							2/15/2019
	0	2/26/2019	69kV Breaker FDN CALC	YES	2/21/2019	STRUC-1-10.0							2/15/2019
	0	1/3/2019	69kV H-Frame FDNs CALC	YES	2/21/2019	STRUC-1-10.0							2/15/2019
	0	1/18/2019	69kV Termination Structure FDN CALC	YES	2/21/2019	STRUC-1-10.0							2/15/2019
	0	2/26/2019	SPM FDN CALC	YES	2/21/2019	STRUC-1-10.0							2/15/2019
EP01-103	1	3/1/2019	ELEC EQUIP LOC PLAN	YES	2/21/2019	ELEC-1-5.0	3/4/2019	ELEC-1-5.0	under review				1/20/2019
EP01-113	1	3/1/2019	ELEC INSTRUMENT LOC PLAN	YES	2/21/2019	ELEC-1-5.0	3/4/2019	ELEC-1-5.0	under review				1/20/2019
ER01-003	1	3/1/2019	ELEC UG RCWY PLAN	YES	2/21/2019	ELEC-1-5.0	3/4/2019	ELEC-1-5.0	under review				1/20/2019
ER01-003-1	1	3/1/2019	ELEC UG RCWY STUB-UP PLAN	YES	2/21/2019	ELEC-1-5.0	3/4/2019	ELEC-1-5.0	under review				1/20/2019
ER01-003-2	0	3/1/2019	ELEC UG RCWY STUB-UP PLAN	YES	2/21/2019	ELEC-1-5.0	3/4/2019	ELEC-1-5.0	under review				1/20/2019
SF00-030	0	12/17/2018	STRUC FDN FOOTING TYPES & SCHED	YES	3/13/2019	STRUC-1-11.0							3/15/2019
SF00-031	0	12/17/2018	STRUC FDN ANCHOR BOLT PLANS	YES	3/13/2019	STRUC-1-11.0							3/15/2019
SF02-109	0	12/17/2018	CEMS ENCLOSURE FDN PLAN	YES	3/13/2019	STRUC-1-11.0							3/15/2019
SF02-111	0	12/17/2018	FUEL GAS COALESCING FILTER SKID FDN PLAN	YES	3/13/2019	STRUC-1-11.0							3/15/2019
SF02-112	0	12/17/2018	AIR SYS EQUIP FDN PLAN	YES	3/13/2019	STRUC-1-11.0							3/15/2019
SF02-113	1	2/5/2019	480V AUX XFMR FDN PLAN	YES	3/13/2019	STRUC-1-11.0							3/15/2019
SF02-114	1		PDM & CM FDN PLAN	NO	3/13/2019	STRUC-1-11.0							3/15/2019
SF02-114-1	1		PDM & CM FDN SECTIONS & DTLS	NO	3/13/2019	STRUC-1-11.0							3/15/2019
SF02-115	0	12/17/2018	PWR BLOCK WALL FOOTING PLAN	YES	3/13/2019	STRUC-1-11.0							3/15/2019
	0	12/17/2018	CEMS Enclosure FDN CALC	YES	3/13/2019	STRUC-1-11.0							3/15/2019
	0	12/17/2018	Fuel Gas Coalescing Filter Skid FDN CALC	YES	3/13/2019	STRUC-1-11.0							3/15/2019
	0	12/17/2018	Air Receiver & Desicant Air Dryer FDN CALC	YES	3/13/2019	STRUC-1-11.0							3/15/2019

	0	12/17/2018	480V Aux. XFMR FDN CALC	YES	3/13/2019	STRUC-1-11.0							3/15/2019
			PDM & PCM FDN CALCS	NO	3/13/2019	STRUC-1-11.0							3/15/2019
		12/17/2018	PWR Block Wall FDN CALC	NO	3/13/2019	STRUC-1-11.0							3/15/2019
EH01-100	0	12/17/2018	SITE HAZARDOUS AREA CLASSIFICATION PLAN	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ELP01-100	0	12/17/2018	ELEC LIGHTNING PROTECTION PLAN & GENERAL NOTES	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ELP01-100-1	0	12/17/2018	ELEC LIGHTNING PROTECTION ELEV & DTLs	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-100	0	12/17/2018	ELEC AG RCWY KEY PLAN, LEGEND, & NOTES	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-100-1	0	12/17/2018	ELEC AG RCWY NOTES & INSTALL DTLs	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-100-2	0	12/17/2018	ELEC AG RCWY INSTALL DTLs	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-101	0	12/17/2018	ELEC AG RCWY PLAN	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-101-1	0	12/17/2018	ELEC AG RCWY PLAN SECTIONS	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-102	0	12/17/2018	ELEC AG RCWY PLAN	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-102-1	0	12/17/2018	ELEC AG RCWY PLAN SECTIONS	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-103	0	12/17/2018	ELEC AG RCWY PLAN	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-103-1	0	12/17/2018	ELEC AG RCWY PLAN SECTIONS	YES	3/8/2019	ELEC-1-6.0							3/15/2019
ER01-104	0	12/17/2018	ELEC AG RCWY CABLE LAYOUT DTLs	YES	3/8/2019	ELEC-1-6.0							3/15/2019
			FEEDER SIZING CALCULATIONS	NO	3/8/2019	ELEC-1-6.0							3/15/2019
EC00-100	0	12/17/2018	SITE SECURITY & ACCESS CONTROL SYS ARCHITECTURE	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EC00-200	1	3/6/2019	COMMUNICATIONS SYS ARCHITECTURE	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EC01-100	0	12/17/2018	ELEC SECURITY & ACCESS CONTROL SYS PLAN	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EC01-100-1	0	12/17/2018	ELEC SECURITY & ACCESS CONTROL SYS DTLs	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EL01-100	1	12/17/2018	ELEC LIGHTING & RECEPTACLE LEGEND & GENERAL NOTES	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EL01-100-1	1	12/17/2018	ELEC LIGHTING & RECEPTACLE DTLs	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EL01-101	1	12/17/2018	ELEC LIGHTING PLAN	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EL01-102	1	12/17/2018	ELEC RECEPTACLE PLAN	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EL01-200	1	12/17/2018	ELEC LIGHTING SCHEMATIC	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EL01-201	1	12/17/2018	ELEC LIGHTING SCHEMATIC	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EL01-202	1	12/17/2018	ELEC LIGHTING SCHEMATIC	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
	0	1/31/2019	LIGHTING ENERGY CALCS	YES	3/8/2019	ELEC-1-7.0	3/6/2019	ELEC-1-7.0	under review				4/15/2019
EW00-100	0	12/17/2018	CLOCK TOWER WIRING DIAGRAM	YES	4/15/2019	ELEC-1-8.0							4/15/2019

Attachment 10 – GEN-3 CBO Payment

Stanton Energy Reliability Center, LLC

Attachment 11 – GEN-6 Special Inspectors

Attachment 11 has been deliberately left blank in this reporting period

Attachment 12 – Gen-7 Discrepancy

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

Attachment 13 – GEN-8 Final Inspections

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

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG

MARCH 2019

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
3/1/2019	1532	391
3/4/2019	1724	192
3/5/2019	1800	76
3/6/2019	1800	0
3/7/2019	1800	0
3/8/2019	1800	0
3/11/2019	2210	410
3/12/2019	2210	0
3/13/2019	2590	380
3/14/2019	3050	460
3/15/2019	3545	495
3/18/2019	4300	755
3/19/2019	4490	190
3/20/2019	5340	850
3/21/2019	5353	13
3/22/2019	6400	1047
3/25/2019	7160	760
3/26/2019	7570	410
3/27/2019	8300	730
3/28/2019	9150	850
3/29/2019	9870	720

Attachment 15 – SOIL&WATER-8 Encroachment Permit

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

Attachment 16 – STRUC-1 CBO Approvals

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 03/07/2019

INSPECTION NUMBER (File Name): SERC_16-AFC-01_STRUC-1_ARB TEMP POWER POLE_190307

CONTRACTOR: ARB, INC.

CONTACT PERSON: Jake Hoover

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

190307- Inspection Request for Temp Power Pole

TYPE OF INSPECTION: ☒ New ☐ Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

REQUESTOR SIGNATURE: Jake Hoover

Digitally signed by Jake Hoover
DN: C=US, E=jhoover@prim.com,
O=ARB, CN=Jake Hoover
Reason: I agree to specified portions
of this document
Date: 2019.03.07 09:33:09-08'00'

DATE: _____

OFFICES NATIONWIDE

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

MARCH 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 March 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 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.

We have talked about Life Saving Rules, Incident & Accident Reporting & Fit For Duty, Heat Stress Illness & Assured Grounding Safety & Equipment Quarterly Inspections as the topics in our all hands safety meetings for the month of March 2019. We have applied special emphasis on staying hydrated as it is starting to warm up and summer is fast approaching.

No Injuries have been observed or reported and no first aids, 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

SERC Site Specific Orientation Training Sign In

INSTRUCTOR T. DRAPER

DATE 3/4/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]



SERC Site Specific Orientation Training Sign In

INSTRUCTOR T. DRAPER

DATE 3/5/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]



SERC Site Specific Orientation Training Sign In

INSTRUCTOR T. DRAPER

DATE 3/12/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]



SERC Site Specific Orientation Training Sign In

INSTRUCTOR T. DRAPER_____

DATE 3/18/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]



DATE 3/20/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]

SERC Site Specific Orientation Training Sign In

INSTRUCTOR T. DRAPER

DATE 3/4/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]



SERC Site Specific Orientation Training Sign In

INSTRUCTOR T. DRAPER

DATE 3/5/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]



SERC Site Specific Orientation Training Sign In

INSTRUCTOR T. DRAPER

DATE 3/12/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]



SERC Site Specific Orientation Training Sign In

INSTRUCTOR T. DRAPER_____

DATE 3/18/19

SERC SITE SPECIFIC TRAINING

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]



DATE 3/20/19

REQUIREMENTS ARB Policies And Procedures, Wilderness Awareness, Overhead Power/Communication Lines, Emergency Evacuation Muster Points, Railroad Crossing Training, Badging & Parking Procedures, Noise Ordinance & Community Awareness

[illegible]

Attachment 19 – CIVIL-3 Non-Compliance Reports

SERC

In compliance with the COC, CIVIL-3 and the 2016 CBC all plant site-grading operations were inspected, and the following discrepancies were discovered. Non-conformance reports (NCR) are required to be transmitted to the CBO and the CPM. This list shall be included in the following monthly compliance report.

[illegible]

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

< Attachment 20 has been deliberately left blank in this reporting period >

Attachment 21 - [COM-11 Reporting of Complaints, Notices, and Citations](#)

ATTACHMENT A
COMPLAINT REPORT AND RESOLUTION FORM

PROJECT NAME: Stanton Energy Reliability Center

COMPLAINANT INFORMATION

NAME: Allan Rigg - Public Works Director - City of Stanton PHONE NUMBER: (714) 890-4203
ADDRESS: 7800 Katella Ave, Stanton, CA 90680
EMAIL: ARigg@ci.stanton.ca.us

COMPLAINT

DATE COMPLAINT RECEIVED: 3/4/19 TIME COMPLAINT RECEIVED: 9:52 am
COMPLAINT RECEIVED BY: Greg Lamberg ☐ TELEPHONE ☒ IN WRITING (COPY ATTACHED)
DATE OF FIRST OCCURRENCE: 3/4/19
DESCRIPTION OF COMPLAINT (INCLUDING DATES, FREQUENCY, AND DURATION): Track-Out on Dale Ave

FINDINGS OF INVESTIGATION BY PLANT PERSONNEL: There was track-out on Dale Ave

DOES COMPLAINT RELATE TO VIOLATION OF A CEC REQUIREMENT? (AQ-SC3) ☒ YES ☐ NO
DATE COMPLAINANT CONTACTED TO DISCUSS FINDINGS: 3/4/19
DESCRIPTION OF CORRECTIVE MEASURES TAKEN OR OTHER COMPLAINT RESOLUTION: See attached letter to Mr. Rigg Dated 3/6/19

DOES COMPLAINANT AGREE WITH PROPOSED RESOLUTION? ☒ YES ☐ NO
IF NOT, EXPLAIN: _____

CORRECTIVE ACTION

IF CORRECTIVE ACTION NECESSARY, DATE COMPLETED: 3/4/19 and 3/5/19
DATE FIRST LETTER SENT TO COMPLAINANT (COPY ATTACHED): 3/6/19
DATE FINAL LETTER SENT TO COMPLAINANT (COPY ATTACHED): _____
OTHER RELEVANT INFORMATION: Email response from Mr. Rigg on 3/6/19 attached as well

"This information is certified to be correct."

PLANT MANAGER SIGNATURE: _____

DATE: 3/7/19

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 station2. 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

End Report