

DOCKETED

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Project Title:	Huntington Beach Energy Project - Compliance
TN #:	212829
Document Title:	COM-6, HBEP Monthly Compliance Report for June 2016
Description:	Monthly Compliance Report (MCR) for the Huntington Beach Energy Project (HBEP), June 2016
Filer:	Eric Veerkamp
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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July 14, 2016

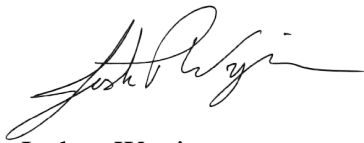
Mr. Eric Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street
Sacramento, CA 95814

Subject: Huntington Beach Energy Project
 Docket No. 12-AFC-02C
 Monthly Compliance Report – 002 June 2016, in compliance with COM-6

Dear Mr. Veerkamp:

Enclosed please find the Monthly Compliance Report – 002 for the Huntington Beach Energy Project for the month of June 2016, in compliance with COM-6. If you have any questions, please feel free to contact me at (714) 374-1420.

Sincerely,

A handwritten signature in black ink, appearing to read "Josh Wynia". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Joshua Wynia
Project Director

Enclosure

cc: Project File

Huntington Beach Energy Project

Monthly Compliance Report - 002

Report Period: June 2016

Submitted to

**California Energy Commission
Energy Facilities Siting and
Environmental Protection Division
1516 9th Street
Sacramento, California 95814-5512**

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LIST OF ACTIVE CONDITIONS JUNE 2016

AQ-SC3	AQCMP documentation of dust control measures
AQ-SC4	Dust plume response
AQ-SC5	Diesel fueled engine control
BIO-6	Implementation of BRMIMP
BIO-5	WEAP training for all on-site workers
CUL-5	WEAP training for all on-site workers
PAL-4	WEAP training for all on-site workers
CUL-2	Weekly report from CRS to CPM of anticipated construction activities for the following week during cultural resources ground disturbance
CUL-3	CRMMP Implementation
GEN-2	Project construction schedule updates
GEN-3	CBO payment receipts
CIVIL-1,3,4 GEN-6,7,8 STRUC-1,3,4 NOISE-2	Documenting of all CBO approvals (special inspections, CBO , inspections plan checks, corrective actions, submittals, and all other CBO approvals) and CBO submittal transmittal letters. Noise compliant
PAL-3	PRMMP Implementation
WASTE-2	Construction waste management
WASTE-5	Construction waste management
WORKER SAFETY-3	SCC monthly safety inspection report
WORKER SAFETY-5	Proof of AED on site

List of Acronyms

Acronym	Definition
AQCMM	Air Quality Construction Mitigation Manager
AQCMP	Air Quality Construction Mitigation Plan
AST	Aboveground Storage Tank
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
CAL-OSHA	California Occupational Safety and Health Administration
CBO	Chief Building Official
CEC	California Energy Commission
COC	Condition of Certification
CRS	Cultural Resources Specialist
CRMMP	Cultural Resources Mitigation and Monitoring Plan
CPM	Compliance Project Manager
DB	Designated Biologist
FTP	File Transfer Protocol
HBEP	Huntington Beach Energy Project
LNTP	Limited Notice To Proceed
SCAQMD	South Coast Air Quality Management District
SWPPP	Storm Water Pollution Prevention Plan
PRMMP	Paleontological Resources Monitoring and Mitigation Plan
WEAP	Worker Environmental Awareness Program

1. CURRENT PROJECT CONSTRUCTION STATUS

Asbestos and lead abatement was completed by Argus Contracting, with environmental oversight provided by Ninyo and Moore, on the peaker building, turbine shelter, and distillate pumping areas and was completed on June 14, 2016. Additional asbestos requiring abatement was identified on the fuel oil cooler and fuel oil pipelines. On June 15, 2016 work started on the fuel oil aboveground storage tank (AST) removing transit panels and fiberglass insulation from the exterior of the AST and was completed June 26, 2016. Upon completion of asbestos abatement on the AST, a detailed clean-up of the scaffolding and tank foundation was performed along with the removal of the debris netting from the scaffolding signifying the completing of lead and asbestos abatement on July 1, 2016. Safeway began disassembly of the scaffolding on July 5 and was completed by July 8, 2016.

The updated construction schedule is included in Appendix A of this report. A key events list is provided in Appendix B of this report.

2. CONSTRUCTION ACTIVITIES

On-site construction activities for this reporting period are presented below. In addition, the demolition contractor procurement process is ongoing.

- Completion of asbestos abatement and lead paint stabilization within the Peaker building (roof, first floor, second floor, and exterior).
- Distillate pumping station - Lead paint stabilization completed.
- Maintenance Storage building - Lead paint stabilization completed.
- Fuel Oil Cooler - Asbestos abatement and lead paint stabilization completed.
- Fuel Oil (AST) - Transite panels and underlying fiberglass insulation removed (740 4'x8' panels removed).
- Fuel Oil pipeline to AST - Asbestos pipe insulation was removed from 200' of 12" and 20" lines.
- Debris netting removed from AST scaffolding.
- Final clean-up of scaffolding and AST area.

3. COMPLIANCE MATRIX

3.1. CEC Documentation

The updated CEC Compliance Matrix is included in Appendix C.

3.2. CBO Documentation

Documentation for CBO related activities for this reporting period are included in Appendix D of this report. This documentation includes:

- Copies of documents uploaded to the CBO’s FTP site for this reporting period and are listed in Table 3.2-1;
- Updated CBO Matrix (per GEN-2) and schedule updates.
- A copy of the CBO payment receipt for this reporting period (per GEN-3).

Table 3.2-1 Documentation Uploaded to CBO FTP Site

COC	Description	Date Submitted
AQ-SC2	Air Quality Construction Mitigation Plan	6/20/2016
NOISE-6	Construction Restrictions	6/27/2016
STRUC-1	Demolition Technical Specifications	6/27/2016
SOIL&WATER-4	NPDES Permit	6/28/2016
	Industrial (Operational) SWPPP	6/28/2016

4. REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT

4.1. Air Quality

AES has elected to implement AQ-SC2 Air Quality Construction Mitigation Plan (AQCMP) for this monthly reporting period in the spirit of adherence to relevant conditions of certification. Full implementation of the AQCMP will begin with the start of ground disturbance. Required documentation for the MCR is detailed in AQ-SC3 Construction Fugitive Dust Control; AQ-SC4 Dust Plume Response Requirement; and AQ-SC5 Diesel-Fueled Engine Control.

4.1.1. AQ-SC3 Construction Fugitive Dust Control

The field activities that are to be documented in the monthly reporting period for AQ-SC3 are detailed in Attachment 2 of the AQCMP.

No activities associated with construction fugitive dust control were required or performed during this monthly reporting period.

4.1.2. AQ-SC4 Dust Plume Response Requirement

As required by AQ-SC4, the AQCM shall provide the CPM a MCR to include:

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

No activities associated with construction fugitive dust control were required or performed during this monthly reporting period.

4.1.3. AQ-SC5 Diesel-Fueled Engine Control

As required by AQ-SC5 Diesel-Fueled Engine Control, the AQCM shall provide the CPM a MCR to include:

- A summary of all actions taken to control diesel construction related emissions;
- A list of all heavy equipment used on site during that month, showing the tier level of each engine and the basis for alternative compliance with this condition for each engine not meeting Part "b" or Part "c" requirements. The list shall include the owner of the equipment and a letter from each owner indicating that the equipment has been properly maintained; and
- Any other documentation deemed necessary by the CPM and AQCM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.

AES has elected to document the use of a diesel-fueled generator currently being used as temporary power for lead and asbestos abatement/monitoring activities. Specific information regarding the use of the generator is provided below and further documentation is included in Appendix E.

- Generator Run Time
 - 125 hours and 54 minutes of run time for the month of June 2016.
- Diesel fuel receipts
 - Approximately 55 gallons of diesel fuel has been added by the construction contractor, Argus, for the month of June 2016 (total cumulative gallons 102)

No other diesel-fueled equipment was used on-site during the reporting period.

4.2. Worker Environmental Awareness Program Training

The cultural resources portion (CUL-5) of the Worker Environmental Awareness Program (WEAP) approved on June 28, 2016, thus satisfying all components of the WEAP. AES elected to conduct WEAP training for all on-site construction workers during prior to receiving full WEAP approval to support compliance during the cultural resources review process.

The HBEP Designated Biologist provided on-site WEAP training on May 11, 2016, and subsequent training has been administered via electronic media. Appendix F includes WEAP Certification of Completion forms for this reporting period. Eleven workers received training during this reporting period. A total of 47 workers have received WEAP training for the project.

Prior to receiving approval of the full WEAP, hard hat stickers were not provided. However, per direction of the CPM all previously trained workers have been, or will be, provided hard hat stickers. Appendix F includes pictures of WEAP stickers issued following CPM approval on June 28, 2016.

4.3. Biological Resources: BIO-6 BRMIMP

In accordance with BIO-6 Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), HBEP conducted periodic monitoring and biological resources surveys during pre-construction activities. Biological Resources Monitoring Logs and the AES Construction Digital Database (Unifier) summary are included in Appendix G.

The following observations were noted during this monthly reporting period;

- Site personnel identified an active house finch nest on the east side of the AST on June 17, 2016 and established a 25' no-disturbance buffer. Melissa Fowler, Designated Biologist (DB), conducted an on-site spot check of the nest on June 23, 2016 and determined that the nest was no longer active. There were no chicks within the nest and no sign was identified. The DB advised that the 25' buffer could be removed and no further nest monitoring was required. Approved biological monitor, Mark Canfield, conducted a site visit on June 30, 2016 and confirmed the nest was not active. Observations were documented in Biological Resources Monitoring Logs.
- The remains of 3 birds were discovered at various locations within the designated 300' radius of the LNTP area. One at each of the following locations:
 - 1) Roof of peaker building on June 1, 2016.
 - 2) Unit 2 turbine deck on June 9, 2016.
 - 3) Northeast side of the AST on June 16, 2016.

The DB, Melissa Fowler, was notified and per direction from the DB, the findings were documented by via a Wildlife Observation Form. The remains were disposed of in accordance with AES' County-approved protocols.

- Two inactive nests found along the exterior of the peaker building on June 1, 2016. The DB was notified and the findings were documented via a Wildlife Observation Form. The nests were removed and disposed of by Mr. EJ Penewell, per direction from the DB.

4.4. Cultural Resources

4.4.1. CUL-5 Cultural Resources Worker Environmental Awareness Program

As required by CUL-5 Cultural Resources Worker Environmental Awareness Program, until ground disturbance is completed, the project owner shall provide the WEAP Certification of Completion forms (Appendix F) for workers who have completed the training in the prior month and a running total of all persons who have completed training to date.

4.4.2. CUL-6 Undiscovered Cultural Resources

As required by CUL-6 Undiscovered Cultural Resources, the project owner shall include in a copy of the monthly summary of cultural resources related monitoring prepared by the CRS and shall attach any new DPR 523A forms completed for finds treated prescriptively, as specified in the CRMMP.

No activities associated with CUL-6 Undiscovered Cultural Resources were required or performed during this monthly reporting period. Future activities will be included in Appendix H.

4.5. Paleontological Resources: PAL-5 WEAP

As required by PAL-5 Worker Environmental Awareness Program, the project owner shall provide copies of the WEAP Certification of Completion forms (appendix I) with the names of those trained and the trainer or type of training (in-person and/or video) offered that month and a running total of all persons who have completed training to date.

No activities associated with paleontological resources were required or performed during this monthly reporting period. Future activities will be included in Appendix I.

4.6. Worker Safety

4.6.1. WORKER SAFETY-3 Construction Safety Supervisor

As detailed in the WORKER SAFETY-3 Construction Safety Supervisor, the MCR will include:

- Record of all employees trained for that month (all records shall be kept on site for the duration of the project);
- Summary report of safety management actions and safety-related incidents that occurred during the month;

- Report of any continuing or unresolved situations and incidents that may pose danger to life or health; and
- Report of accidents and injuries that occurred during the month.

Safety Training

Appendix J includes a list of the sign-in sheets for individuals who have completed the site orientation safety and environmental training for this monthly reporting period.

Safety Management Actions and Safety Incidents

These activities are conducted daily and include Safety Tours/Walks; Contractor Foreman's meeting; and Morning Tailboards. Records of these activities are maintained in (Unifier).

AES performs daily safety observations which are included in Appendix J. No safety management actions or safety incidents were reported in the monthly reporting period.

Continuing or Unresolved Situations

- None to report

First Aid or Recordable Injuries

- None to report

4.6.2. WORKER SAFETY-5 Automatic External Defibrillator

As detailed in the WORKER SAFETY-5 Automatic External Defibrillator, the MCR will include proof that a portable automatic external defibrillator exists on site, which is included in Appendix J.

5. COMPLIANCE REQUIREMENTS COMPLETED DURING THE REPORTING PERIOD

Table 5-1 contains a summary of Conditions of Certification submittals and status during this reporting period.

Table 5-1 Compliance Submittals

COC	Description	Date Submitted	CEC Approval Date	Status
SOIL&WATER-1	NPDES Construction Permit Requirements	6/7/16	--	CEC Review
CUL-1	Appointment of Qualifications of Cultural Resources Specialist (CRS)	Re-Submitted 6/9/16	6/17/16	Approved
CUL-3	Cultural Resources Mitigation and Monitoring plan (CRMMP)	Re-Submitted 6/9/16	--	CEC Review
CUL-5	Cultural Resources Worker Environmental Awareness Program (WEAP)	Re-Submitted 6/27/16	6/28/16	Approved
NOISE-3	Employee Noise Control Program	6/27/16	--	CEC Review
AQ-SC6	Construction Particulate Matter Mitigation Plan	6/28/16	--	CEC Review
WASTE-1	Waste Management	6/28/16	--	CEC Review

6. COMPLIANCE SUBMITTALS PENDING APPROVAL

The below submittals in Table 6-1 exceed the review time stated in the COCs.

Table 6-1 Compliance Submittals Pending Approval

COC	Description	Date Submitted	Status
NOISE-1	Public Notification Process	5/31/16	CEC Review

7. CHANGES TO CONDITIONS OF CERTIFICATION

Reference documentation for VIS-3, WORKER SAFETY-1 and BIO-8 are included in Appendix K.

7.1.1. VIS-3 Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan – Project Demolition, Construction, and Commissioning

Due to the Limited Notice to Proceed (LNTP) activities approved by the CEC, AES proposed an amended VIS-3 submittal to specifically address the activities being performed under LNTP activities. The LNTP VIS-3 submittal was approved by the CEC 5/3/2016 with the understanding that a comprehensive VIS-3 submittal would be submitted during 4th quarter 2016.

7.1.2. WORKER SAFETY-1 Project Construction Safety and Health Program

Due to the LNTP activities approved by the CEC, AES proposed an amended WORKER SAFETY-1 submittal to specifically address the activities being performed under LNTP activities. The submittal (site-specific health and safety plan) specifically addressed the asbestos and lead abatement project and was approved by the CEC 5/9/2016 with the understanding that future WORKER SAFETY-1 submittals addressing the remaining three activities will be submitted once the contractor has been selected:

- Clear and Cap Abandoned Fuel Oil Lines (includes asbestos removal);
- Demolition of Structures (Unit #5 Peaker and Compressor Buildings, Aboveground Storage Tanks and Ancillary Equipment); and
- Excavation and Stockpiling of Containment Berms.

7.1.3. BIO-8 Pre-Construction Nest Surveys and Impact Minimization Measures for Breeding Birds

The LNTP Conditions of Certifications list established on 9/11/15 between the CEC and AES did not include Condition BIO-8. However through discussions between the CEC and AES, the decision was made to include BIO-8. This condition has been added to the COC matrix. The pre-construction nesting bird surveys will be conducted prior to start of construction in accordance with BIO-8.

8. FILINGS/ PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES

During this reporting period the following documents were submitted and are included in Appendix L.

- HBEP submitted a Scaffolding Activity Notification Form to California Division of Occupational Safety and Health (CAL-OSHA) for the construction of the scaffolding

around the exterior of the (AST) on May 11, 2016. (These activities are still being performed)

- The Procedure 5 plan with the Rule 1403 Form Notification of Demolition or Asbestos Removal was resubmitted to the South Coast Air Quality Management District (SCAQMD) on June 9, 2016 to extend the completion date to July 8, 2016. (These activities are still being performed)

9. COMPLAINTS, NOTICES OF VIOLATIONS, WARNINGS AND CITATIONS

No complaints, notices of violation, official warnings, or citations have been received during this reporting period or to date on this project.

As required by Noise-1 a public notification process was established for the HBEP LNTP. The hotline was activated on June 1, 2016 and since has received 13 calls with no complaints received. Inquires received can be summarized as one of the following (1) basic information about the project, (2) information on AES, (3) construction hours, (4) relationship to the Poseidon project, (5) and future noise and traffic concerns. Call log is included in Appendix M.

**APPENDIX A
CONSTRUCTION SCHEDULE**

Activity ID	Activity Name	OD	Start	Finish	Total Float	2016												2017										
						S	Oct	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul
AES HBEP LNTP SCHEDULE (CLH) 7-11-16						490 01-Sep-15 A 17-Jul-17 0																						
A1000	Project Start	0	01-Sep-15 A			Project Start, 01-Sep-15 A;																						
A1100	Review Existing Agreements	10	19-Jan-16 A	20-Apr-16 A		Review Existing Agreements																						
A1150	Prepare Execution Plan Draft	5	11-Apr-16 A	21-Apr-16 A		Prepare Execution Plan Draft																						
A1200	Project Execution Plan Final	20	21-Apr-16 A	15-Jul-16	76	Project Execution Plan Final																						
Development of Stakeholder Management Plan						76 01-Sep-15 A 11-Jul-16 265																						
Identification of Stakeholders						76 01-Sep-15 A 11-Jul-16 265																						
Internal Stakeholders						1 01-Sep-15 A 18-Jan-16 A																						
A1210	AES Operations	1	01-Sep-15 A	01-Sep-15 A		AES Operations																						
A1220	AES E&C	1	18-Jan-16 A	18-Jan-16 A		AES E&C																						
A1230	Kiewit	1	18-Jan-16 A	18-Jan-16 A		Kiewit																						
A1240	AGIC	1	18-Jan-16 A	18-Jan-16 A		AGIC																						
A1250	US SBU Financial	1	18-Jan-16 A	18-Jan-16 A		US SBU Financial																						
A1260	US SBU Legal	1	18-Jan-16 A	18-Jan-16 A		US SBU Legal																						
A1270	US SBU Safety	1	18-Jan-16 A	18-Jan-16 A		US SBU Safety																						
A1280	US SBU Environmental	1	18-Jan-16 A	18-Jan-16 A		US SBU Environmental																						
A1290	Supply Chain	1	18-Jan-16 A	18-Jan-16 A		Supply Chain																						
A1300	US SBU Risk Management	1	18-Jan-16 A	18-Jan-16 A		US SBU Risk Management																						
A1310	AES West BD	1	18-Jan-16 A	18-Jan-16 A		AES West BD																						
External Stakeholder						1 11-Jul-16 11-Jul-16 265																						
Wetlands Conservancy						0 0 0																						
City of HB-1						0 0 0																						
Southeast Area Neighborhood Committee						0 0 0																						
CEC/CBO						0 0 0																						
SCE						1 11-Jul-16 11-Jul-16 265																						
A1320	Current Contract	1	11-Jul-16	11-Jul-16	265	Current Contract																						
A1330	PPA	1	11-Jul-16	11-Jul-16	265	PPA																						
A1340	Switchyard	1	11-Jul-16	11-Jul-16	265	Switchyard																						
A1350	Remediation	1	11-Jul-16	11-Jul-16	265	Remediation																						
A1360	Real Estate	1	11-Jul-16	11-Jul-16	265	Real Estate																						
SC Gas						0 0 0																						
SC Gas-1						0 0 0																						
Plains future owner						0 0 0																						
SCAQMD						0 0 0																						
Coastal Commission						0 0 0																						
HB Fire						0 0 0																						
Orange County						0 0 0																						
Caltrans						0 0 0																						
Interveners: Locals, CEC personnel						0 0 0																						
Chamber of Commerce						0 0 0																						
Huntington by the Sea						0 0 0																						
Unions						0 0 0																						
Local elected officials						0 0 0																						
DTSC						0 0 0																						

Actual Level of Effort
 Remaining Work
 Actual Work
 Critical Remaini...



Activity ID	Activity Name	OD	Start	Finish	Total Float	2016												2017						
						S	Oct	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M
	Poseidon	0			0																			
	Mills Land & Water Co (Newland Parking Lot)	0			0																			
	ASCON (landfill site)	0			0																			
	Prepare and Submit LNTP COC Submittals	60	18-Sep-15 A	23-Jun-16 A																				
A1370	Submit AQ-SC1 to CEC	7	18-Sep-15 A	05-Apr-16 A																				
A1400	Submit BIO-1 to CEC	7	18-Sep-15 A	28-Sep-15 A																				
A1410	Submit BIO-3 to CEC	7	18-Sep-15 A	28-Sep-15 A																				
A1440	Submit CUL-1 to CEC	1	18-Sep-15 A	22-Apr-16 A																				
A1450	Submit CUL-2 to CEC	1	18-Sep-15 A	18-Sep-15 A																				
A1490	Submit CUL-7 to CEC	1	18-Sep-15 A	18-Sep-15 A																				
A1510	Submit HAZ-7 to CEC	7	18-Sep-15 A	24-Sep-15 A																				
A1540	Submit NOISE-6 to CEC	1	18-Sep-15 A	15-Mar-16 A																				
A1550	Submit PAL-1 to CEC	22	18-Sep-15 A	19-Oct-15 A																				
A1560	Submit PAL-2 to CEC	22	18-Sep-15 A	19-Oct-15 A																				
A1590	Submit WASTE-3 to CEC	28	18-Sep-15 A	07-Apr-16 A																				
A1620	Submit WORKER SAFETY-3 to CEC	16	18-Sep-15 A	09-Oct-15 A																				
A1630	Submit WORKER SAFETY-4 to CEC	16	18-Sep-15 A	09-Oct-15 A																				
A1640	Submit WORKER SAFETY-5 to CEC	16	18-Sep-15 A	09-Oct-15 A																				
A1470	Submit CUL-5 to CEC	1	02-Oct-15 A	20-Apr-16 A																				
A1480	Submit CUL-6 to CEC	19	02-Oct-15 A	28-Oct-15 A																				
A1380	Submit AQ-SC2 to CEC	1	08-Oct-15 A	15-Mar-16 A																				
A1390	Submit AQ-SC6 to CEC	1	08-Oct-15 A	15-Mar-16 A																				
A1580	Submit PAL-4 to CEC	2	23-Oct-15 A	04-Apr-16 A																				
A1420	Submit BIO-5 to CEC	45	11-Jan-16 A	20-Apr-16 A																				
A1650	Submit GEN-2 to CBO Master List of LNTP CBO Submittals	30	08-Feb-16 A	06-Apr-16 A																				
A1430	Submit BIO-6 to CEC	45	04-Mar-16 A	23-Mar-16 A																				
A1460	Submit CUL-3 to CEC	30	04-Mar-16 A	09-Mar-16 A																				
A1570	Submit PAL-3 to CEC	30	04-Mar-16 A	04-Apr-16 A																				
A1500	Submit GEO-2 to CEC	60	11-Mar-16 A	29-Mar-16 A																				
A1520	Submit NOISE-1 to CEC	15	11-Mar-16 A	29-Mar-16 A																				
A1530	Submit NOISE-3 to CEC	30	11-Mar-16 A	23-Jun-16 A																				
A1600	Submit WASTE-5 to CEC	30	11-Mar-16 A	07-Apr-16 A																				
A1610	Submit WORKER STAETY-1 to CEC (HB Fire Department)	30	11-Mar-16 A	20-Apr-16 A																				
	Utility Construction Risk Management	143	01-Feb-16 A	17-Aug-16	72																			
	Above Grade	65	20-Apr-16 A	25-Jul-16	90																			
A1660	Develop Above Grade Utility Termination Identification Plan	20	20-Apr-16 A	19-Jul-16	10																			
A1680	Clean/Cut/Cap Existing Utility Clearance Tanks - AG	10	30-Jun-16 A	19-Jul-16	63																			
A1690	Clean/Cut/Cap Existing Utility Clearance Peak Bldg - AG	10	30-Jun-16 A	19-Jul-16	63																			
A1670	Access Interior Tanks and Investigate (Cleaning)	5	13-Jul-16 A	25-Jul-16	90																			
	Underground	143	01-Feb-16 A	17-Aug-16	52																			
A1700	Develop Underground Utility Termination Identification Plan	55	01-Feb-16 A	09-Aug-16	38																			
A1710	Clean/Cut/Cap Existing Utility Clearance All - UG	10	04-Aug-16	17-Aug-16	52																			
	Environmental Assessment	166	14-Sep-15 A	14-Nov-16	175																			
	Asbestos and Lead Paint Surveys	31	14-Sep-15 A	30-Nov-15 A																				

**APPENDIX B
KEY EVENTS**

Key Event List

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

EVENT DESCRIPTION	DATE
Certification Date	Oct 29, 2014
Petition to Amend Submitted	Sept, 17 2015
POWER PLANT SITE ACTIVITES	
Asbestos and Lead Surveys	Sept 22, 2015
Phase I - Soil Sampling - HRA	Feb 12, 2016
Site Survey and LIDAR Scan	Mar 23, 2016
GeoTech Field Work	April 1, 2016
AQMD Notification for Abatement	April 12, 2016
Phase 2 - Soil Sampling - HRA	May 10, 2016
Lead and asbestos Abetment	May 11, 2016
Vis-3 Phase 1 - Fence screening material	May 11, 2016
Demolitions Specification	Jun 6, 2016
LNTP Owners scope	Jul 25, 2016
Clean and Cap Fuel Oil Lines	Jul 25, 2016
Office Trailers (CBO and AES)	Jul 25, 2016
Mobilizations for Demo	Sept 7, 2016
Demo Oil Lines and 66KV	Sept 14, 2016
Demo Fuel Oil Tank	Oct 16, 2016
Demo Peaker Building	Oct 26, 2016
Demo Fuel oil Tank Final	Nov 16, 2016
Site Remediation (If required)	Mar 10, 2017
Removal of Berms	Apr 21, 2017
Issue of NTP for Construction	June 1, 2017

APPENDIX C
CEC COMPLIANCE MATRIX

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

<u>Color Code Key</u>	Not submitted to CEC.	Submitted to CEC; pending approval.	HBEP response to CEC questions pending.	CEC approved.
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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
AQ-SC1	Air Quality Construction Mitigation Manager (AQCM)	The project owner shall designate and retain an on-site AQCM who shall be responsible for directing and documenting compliance with conditions AQ-SC3, AQ-SC4 and AQ-SC5 for the entire duration of project site construction. The on-site AQCM may delegate responsibilities to one or more AQCM delegates. The AQCM and AQCM delegates shall have full access to all areas of construction on the project site, and shall have the authority to stop any or all construction activities as warranted by applicable construction mitigation conditions. The AQCM and AQCM delegates may have other responsibilities in addition to those described in this condition. The AQCM may be replaced only after compliance with the selection process outlined below of the Compliance Project Manager (CPM).	At least 60 days prior to the start of ground disturbance, the project owner shall submit to the CPM for approval the name, resume, qualifications, and contact information for the on-site AQCM and all AQCM delegates. The AQCM and all delegates must be approved by the CPM before the start of ground disturbance.		4/1/2016	4/5/2016	Approved
AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	The project owner shall provide, for approval, an AQCMP that details the steps to be taken and the reporting requirements necessary to ensure compliance with Conditions of Certification AQ-SC3, AQ-SC4 and AQSC5.	At least 60 days prior to the start of any ground disturbance, the project owner shall submit the AQCMP to the CPM for approval. The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.		10/8/2016	3/15/2016	Approved
AQ-SC6	Construction Particulate Matter Mitigation Plan	The project owner shall prepare and implement a Construction Particulate Matter Mitigation Plan (CPMMP) that details the steps to be taken and the reporting requirements necessary to provide the equivalent of at least 8.26 lbs/day PM10 and 0.79 lbs/day PM2.5 of emissions reductions during the construction phase of the project. Construction emission reduction measures can include: localized street sweepers or programs; local ban of leaf blowing or blowers; sodding of local parks or playfields; fireplace or woodstove replacements; offsets or emission reduction credits; or other measures that can provide local emission reductions coincident with construction emissions.	At least 90 days prior to the start of any ground disturbance, the project owner shall submit the CPMMP to the CPM for review and approval. The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The CPMMP must be approved by the CPM before the start of ground disturbance. During construction the project owner shall provide the records of the CPMMP in the Monthly Compliance Report.		6/28/2016	7/12/2016	Approved
BIO-1	Appointment and Qualifications of Designated Biologist	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 and to the United States Fish and Wildlife Service (USFWS) and the California Department of Fish and Wildlife (CDFW) for review and comment.	The project owner shall submit the specified information at least 75 days prior to the start of site mobilization or construction-related ground disturbance activities. No pre-construction site mobilization or construction related activities shall commence until a Designated Biologist has been approved by the CPM.		9/18/2016	9/25/2016	Approved

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

<u>Color Code Key</u>	Not submitted to CEC.	Submitted to CEC; pending approval.	HBEP response to CEC questions pending.	CEC approved.
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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
BIO-3	Appointment and Qualifications of Biological Monitor	The project owner shall submit the resume, at least three references, and contact information of the proposed Biological Monitor(s) to the CPM for approval. The resume shall demonstrate, to the satisfaction of the CPM, the appropriate education and experience to accomplish the assigned biological resource tasks.	The project owner shall submit the specified information to the CPM for approval at least 30 days prior to the start of any project-related site disturbance activities. Within 10 days of completion of training, the Designated Biologist shall submit a written statement to CPM confirming that individual Biological Monitor(s) have been trained including the date when training was completed. If additional biological monitors are needed during construction, the specified information shall be submitted to the CPM for approval at least 10 days prior to their first day of monitoring activities.		9/18/2016	9/25/2016	Approved
BIO-5	Biological Resources Worker Environmental Awareness Program (WEAP)	The project owner shall develop and implement an HBEP-specific Worker Environmental Awareness Program (WEAP). and submit the WEAP to the CPM for review and approval and to the USFWS and CDFW for review and comment. The WEAP shall be administered to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, and subcontractors. The WEAP shall be implemented during site mobilization, ground disturbance, grading, construction, operation, and closure.	At least 45 days prior to the start of any planned project-related site disturbance activities, the project owner shall provide to the CPM a copy of the draft WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program. The Notice to Proceed will not be issued until the WEAP has been approved by the CPM. The project owner shall provide in the monthly compliance reports the 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.		3/9/2016, 4/20/2016	5/3/2016	Approved
BIO-6	Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP)	The project owner shall develop a BRMIMP and submit two copies of the proposed BRMIMP to the CPM for review and approval and to CDFW and USFWS for review and comment and shall implement the measures identified in the approved BRMIMP.	No fewer than 45 days prior to planned start of construction, the project owner will submit a draft BRMIMP to the CPM for review and approval and to CDFW and USFWS for review and comment. The Notice to Proceed will not be issued until the BRMIMP has been approved by the CPM. In the absence of comments, the CPM shall deem the BRMIMP acceptable to USFWS and/or CDFW.		3/9/2016	3/23/2016	Approved
BIO-8	Pre-Construction Nest Surveys and Impact Minimization Measures for Breeding Birds	Pre-construction nest surveys shall be conducted if construction or demolition activities will occur from February 1 through August 31. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines:...	The project owner shall provide notification to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating the habitat assessment and any subsequent surveys for light-footed clapper rail; notification will include the name and resume of the biologist(s) conducting the habitat assessment and surveys and the timing of the surveys....			6/9/2016	Approved
COM-4	Pre-Construction Matrix and Tasks Prior to Start of Construction	Prior to start of construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first preconstruction meeting, whichever comes first, and shall be submitted in a format similar to the description below.	Pre-Construction Compliance Matrix		9/18/2015		Approved

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

<u>Color Code Key</u>	Not submitted to CEC.	Submitted to CEC; pending approval.	HBEP response to CEC questions pending.	CEC approved.
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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
CUL-1	Appointment and Qualifications of Cultural Resources Specialist (CRS)	A. CULTURAL RESOURCE SPECIALIST 1. Appointment and Qualifications The project owner shall assign at least one Cultural Resources Specialist (CRS) to the project. The project owner shall submit the resume of the proposed CRS, with at least three references and contact information, to the Energy Commission Compliance Project Manager (CPM) for review and approval.	The project owner shall submit the specified information at least 75 days prior to the start of (1) ground disturbance (as defined in the Compliance Conditions section); (2) post-certification cultural resources activities (including, but not limited to, "survey", "in-field data recording," "surface collection," "testing," "data recovery" or "geoarchaeology"); or (3) site preparation or subsurface soil work during pre-construction activities or site mobilization , the project owner shall obtain the services of a Cultural Resources Specialist (CRS) and one or more alternate CRS.		9/18/2015, 12/9/15, 4/22/16	6/17/2016	Approved
CUL-2	Information to be Provided to CRS	Prior to the start of Cultural Resources Ground Disturbances , the project owner shall provide the CRS with copies of the AFC, data responses, confidential cultural resources reports, all supplements, the Energy Commission staff's cultural resources FSA, and the cultural resources Conditions of Certification from the Final Decision for the project if the CRS has not previously worked on the project . The project owner shall also provide the CRS and the CPM with maps and drawings showing the footprints of the power plant, all linear facility routes, all access roads, and all laydown areas. Maps shall include the appropriate USGS quadrangles and a map at an appropriate scale (e.g., 1:24,000 and 1 inch = 200 feet, respectively) for plotting cultural features or materials. If the CRS requests enlargements or strip maps for linear facility routes, the project owner shall provide copies to the CRS and CPM. The CPM shall review map submittals and, in consultation with the CRS, approve those that are appropriate for use in cultural resources planning activities. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	1 At least 40 days prior to the start of ground disturbance, the project owner shall provide the CPM notice that the AFC, data responses, confidential cultural resources documents, all supplements, FSA, and Final Commission Decision have been provided to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities. 2 At least 15 days prior to the start of ground disturbance, if there are changes to any project-related footprint, the project owner shall provide revised maps and drawings for the changes to the CRS and CPM. 3 At least 15 days prior to the start of each phase of a phased project, the project owner shall submit the appropriate maps and drawings, if not previously provided, to the CRS and CPM.		9/18/2015	6/30/2016	Approved
CUL-3	Cultural Resources Mitigation and Monitoring Plan (CRMMP)	Prior to the start of Cultural Resources Ground Disturbances, the project owner shall submit the Cultural Resources Mitigation and Monitoring Plan (CRMMP), as prepared by or under the direction of the CRS, to the CPM for review and approval. The CRMMP shall follow the content and organization of the draft model CRMMP, provided by the CPM, and the authors' name(s) shall appear on the title page of the CRMMP. The CRMMP shall identify measures to minimize potential impacts to sensitive cultural resources. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. Copies of the CRMMP shall reside with the CRS, alternate CRS, each CRM, and the project owner's on-site construction manager. No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM. The CRMMP shall be designated as a confidential document if the location(s) of cultural resources are described or mapped.	A description of the contents, format, and review and approval process of the final cultural resources report (CRR), which shall be prepared according to Archaeological Resource Management Report (ARMR) guidelines. 1 Upon approval of the CRS proposed by the project owner, the CPM will provide to the project owner an electronic copy of the draft model CRMMP for the CRS. 2 At least 30 days prior to the start of Cultural Resources Ground Disturbances, the project owner shall submit the CRMMP to the CPM for review and approval. 3 At least 30 days prior to the start of Cultural Resources Ground Disturbances, in a letter to the CPM, the project owner shall agree to pay curation fees for any materials generated or collected as a result of the archaeological investigations (survey, testing, and data recovery).		3/9/2016		CEC Review

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
CUL-5	Cultural Resources Worker Environmental Awareness Program (WEAP)	Prior to and for the duration of Cultural Resources Ground Disturbances, the project owner shall provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment at the project site, along the linear facilities routes, and at laydown areas, roads, and other ancillary areas. The cultural resources part of this training shall be prepared by the CRS, may be conducted by any member of the archaeological team, and may be presented in the form of a video. The CRS is encouraged to include a Native American presenter in the training to contribute the Native American perspective on archaeological and ethnographic resources. During the training and during construction, the CRS shall be available (by telephone or in person) to answer questions posed by employees. The training may be discontinued when ground disturbance is completed or suspended, but must be resumed when ground disturbance, such as landscaping, resumes.	The training shall include: 1. A discussion of applicable laws and penalties under law; 2. Samples or visuals of artifacts that might be found in the project vicinity; 3. A discussion of what such artifacts may look like when partially buried, or wholly buried and then freshly exposed; 4. A discussion of what prehistoric and historical archaeological deposits look like at the surface and when exposed during construction, and the range of variation in the appearance of such deposits; 5. Instruction that the CRS, alternate CRS, and CRMs have the authority to halt ground disturbance in the area of a discovery to an extent sufficient to ensure that the resource is protected from further impacts, as determined by the CRS;		10/2/15, 4/20/2016	6/28/2016	Approved
CUL-6	Undiscovered Cultural Resources	In the event that a CRHR eligible (as determined by the CPM) cultural resource is discovered, at the direction of the CPM, the project owner shall ensure that the CRS or alternate CRS monitors full time all ground disturbances in the area where the CRHR-eligible cultural resources discovery has been made. The level, duration, and spatial extent of monitoring shall be determined by the CPM. In the event that the CRS believes that a current level of monitoring is not appropriate, a letter or email detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring.	1. At least 30 days prior to the start of ground disturbance, the CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log. 2. While monitoring is on-going and as required by the CPM, the project owner shall submit each day's monitoring logs and cover sheet merged into one PDF document by email within 24 hours. 3. 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 4. If resources are discovered as outlined in this Condition of Certification, the project owner shall notify all local Native American groups of the discovery of the resource within 48 hours of its discovery.		10/2/2015		Approved
CUL-7	Power of CRS	The CRS shall have the authority to halt ground disturbance in the event of a discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS.	1 At least 30 days prior to the start of ground disturbance, the project owner shall provide the CPM and CRS with a letter confirming that the CRS, alternate CRS, and CRMs have the authority to halt ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday. 2 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 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.		9/18/2015	6/30/2016	Approved

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
GEO-2	Compliance with City of Huntington Beach Municipal Code Section 17.04.085	The project owner shall comply with the requirements of Huntington Beach Municipal Code Section 17.04.085 to ensure the existing and previously identified abandoned gas well on the site, and any additional wells that may be identified during grading and construction, are appropriately mitigated and made safe. The project owner shall consult with the Fire Chief to determine whether any of the following requirements of the municipal code apply, and shall submit the recommendations of the Fire Chief to the CPM for review and approval.	The project owner shall include in the application for a Methane District Building Permit a copy of the construction project Site Plan Review approved by the California Department of Conservation Division of Oil, Gas and Geothermal Resources (DOGGR) that is on file with the Huntington Beach Fire Department PetroChem section. A copy of the site plan review, application for the Methane District Building Permit and any comments by Huntington Beach Fire Chief are to be provided to the CPM at least 30 days prior to initiation of grading.		5/16/2016		CEC RReview
HAZ-7	Hazardous Materials	Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval.	At least thirty (30) days prior to commencing construction, the project owner shall notify the CPM that a site-specific Construction Security Plan is available for review and approval.		9/18/2015	9/24/15	Approved
NOISE-1	Public Notification Process	Prior to the start of ground disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of the linear facilities, by mail or by other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours a day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This, or a similarly effective telephone number, shall be posted at the project site during construction where it is visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	At least 15 days prior to ground disturbance, the project owner shall transmit to the compliance project manager (CPM) a statement, signed by the project owner's project manager, stating that the above notification has been performed, and describing the method of that notification. This communication shall also verify that the telephone number has been established and posted at the site, and shall provide that telephone number.		5/31/2016	7/13/2016	Approved
NOISE-3	Employee Noise Control Program	The project owner shall submit to the CPM for review and approval a noise control program. The noise control program shall be used to reduce employee exposure to high (above permissible) noise levels during construction in accordance to the applicable OSHA and Cal-OSHA standards.	At least 15 days prior to ground disturbance, the project owner shall transmit to the compliance project manager (CPM) a statement, signed by the project owner's project manager, stating that the above notification has been performed, and describing the method of that notification. This communication shall also verify that the telephone number has been established and posted at the site, and shall provide that telephone number.	6/24/2016	6/27/2016	7/13/2016	Approved
NOISE-6	Construction Restrictions	Heavy equipment operation and noisy construction work relating to any project features, including pile driving, shall be restricted to the times delineated below: - Mondays through Saturdays: 7:00 a.m. to 8:00 p.m. - Sundays and Federal Holidays: Construction not allowed	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.		9/18/2015	3/15/2016	Approved

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
PAL-1	Appointment and Qualifications of Paleontological Resource Specialist (PRS)	The project owner shall provide at least one paleontological resource specialist (PRS) to the project. The project owner shall submit the resume of the proposed PRS, with at least three references and contact information, to the Energy Commission compliance project manager (CPM) for review and approval.	<p>Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.</p> <p>In consultation with the CPM, construction equipment generating excessive noise shall be updated or replaced if beneficial in reducing the noise and if feasible. In addition, temporary acoustic barriers shall be installed around stationary construction noise sources if beneficial in reducing the noise and if feasible. The project owner shall reorient construction equipment, and relocate construction staging areas, when possible, to minimize the noise impact at nearest noise-sensitive receptors.</p>		9/18/2015	10/19/15	Approved
PAL-2	Documents Provided to the PRS	The project owner shall provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the power plant, construction lay down areas, and all related facilities. Maps shall identify all areas of the project where ground disturbance is anticipated. If the PRS requests enlargements or strip maps for linear facility routes, the project owner shall provide copies to the PRS and CPM. The site grading plan and the plan and profile drawings for the utility lines would be acceptable for this purpose. The plan drawings should show the location, depth, and extent of all ground disturbances and be at a scale between 1 inch = 40 feet and 1 inch = 100 feet. If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	<p>At least 60 days prior to ground disturbance, the project owner shall submit the resume of the proposed PRS, with at least three references and contact information, to the CPM for review and approval.</p> <p>At least 20 days prior to ground disturbance, the PRS or project owner shall provide a letter with resumes naming anticipated monitors for the project. The letter shall state that the identified monitors meet the minimum qualifications for paleontological resource monitoring as required by this condition of certification. If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM. The letter shall be provided to the CPM for approval no later than one week prior to the monitor's beginning on-site duties.</p>		9/18/2015	10/19/2015	Approved
PAL-3	Paleontological Resources Monitoring and Mitigation Plan (PRMMP)	The project owner shall ensure that the PRS prepares a Paleontological Resources Monitoring and Mitigation Plan (PRMMP) and submits the PRMMP to the CPM for review and approval. Approval of the PRMMP by the CPM shall occur prior to any ground disturbance. The PRMMP shall function as the formal guide for monitoring, collecting, and sampling activities, and may be modified with CPM approval. The PRMMP shall be used as the basis of discussion when on-site decisions or changes are proposed. Copies of the PRMMP shall include all updates and reside with the PRS, each monitor, the project owner's on-site manager, and the CPM	<p>At least 30 days prior to ground disturbance, At least 30 days prior to the start of ground disturbance, the project owner shall provide the maps and drawings to the PRS and CPM.</p> <p>If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.</p> <p>If there are changes to the scheduling of the construction phases, the project owner shall submit a letter to the CPM within 5 days of identifying the changes.</p>		3/9/2016	10/6/2015	Approved

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
PAL-4	Preparation of Worker Environmental Awareness Program (WEAP)	<p>Prior to ground disturbance the project owner and the PRS shall prepare a CPM-approved Worker Environmental Awareness Program (WEAP).</p> <p>The WEAP shall address the possibility of encountering paleontological resources in the field, the sensitivity and importance of these resources, and legal obligations to preserve and protect those resources. The purpose of the WEAP is to train project workers to recognize paleontologic resources and identify procedures they should follow to ensure there are no impacts to sensitive paleontologic resources.</p>	At least 30 days prior to ground disturbance, the project owner shall provide a copy of the PRMMP to the CPM. Approval of the PRMMP by the CPM shall occur prior to any ground disturbance. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.		10/2/2015	4/4/2016	Approved
SOIL&WATER-1	NPDES Construction Permit Requirements	The project owner shall manage stormwater pollution from HBEP construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009- DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the HBEP project.	Thirty (30) days prior to site mobilization of HBEP construction activities, the project owner shall submit the construction SWPPP to the CBO and CPM for review and the SWRCB for review and timely comment. A copy of the approved construction SWPPP shall be kept accessible onsite at all times. Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the Santa Ana Regional Water Quality Control Board about the general NPDES permit for discharge of stormwater associated with construction and land disturbance activities. This information shall include a copy of the notice of intent and the notice of termination submitted by the project owner to the SWRCB.	6/7/2016	6/7/2016	7/13/2016	Approved
SOIL&WATER-2	Hydrostatic Water Discharge Permit Requirements	Prior to initiation of hydrostatic testing water discharge to surface waters, the project owner shall obtain a National Pollutant Discharge Elimination System permit for discharge to the Pacific Ocean. The project owner shall comply with the requirements of the Permit Order No. R8-2009-0003, NPDES NO. CAG998001 for hydrostatic testing water discharge. The project owner shall provide a copy of all permit documentation sent to the Santa Ana Regional Water Quality Control Board or State Water Quality Control Board to the CPM and notify the CPM in writing of any reported non-compliance.	Prior to construction mobilization, the project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the Santa Ana Regional Water Quality Control Board or State Water Quality Control Board. Thirty (30) days prior to HBEP operation, the project owner shall submit to the CPM a copy of the relevant plans and permits received. The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the Board regarding NPDES permits in the annual compliance report.	TBD if necessary			

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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
VIS-3	Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan - Project Demolition, Construction, and Commissioning	Prior to the start of site mobilization, the project owner shall prepare and implement a Construction Screening, Landscape Protection, and Site Restoration Plan describing methods and materials that will be used during each project phase to screen project construction and parking areas and views of the project site from areas where construction activities have the potential to be visible during a phase. The Construction Screening, Landscape Protection, and Site Restoration Plan will describe methods and materials to identify and protect existing landscape trees and shrubs. The Construction Screening, Landscape Protection, and Site Restoration Plan will identify existing landscaped areas where plantings will be retained and where they will be permanently removed. The Construction Screening, Landscape Protection, and Site Restoration Plan will include provisions to restore areas where ground disturbance occurred during construction.	At least 60 calendar days before the start of site mobilization, the project owner shall submit a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM for review and approval. Simultaneously with the submission of a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM, the project owner shall submit seven copies of a Construction Screening, Landscape Protection, and Site Restoration Plan to the City of Huntington Beach Planning and Building Department for review and comment.		4/1/16, 4/27/16	5/3/2016	Approved
WASTE-1	Waste Management	The project owner shall ensure that the HBEP project site is properly characterized and remediated as necessary pursuant to the corrective action plans reviewed by DTSC, the Huntington Beach Fire Department and/or the Orange County Health Care Agency. In no event shall project construction commence in areas requiring characterization and remediation until the CPM determines, with confirmation from the appropriate regulatory agency, that all necessary remediation has been accomplished.	At least 45 days prior to remediation the project owner shall submit to the CPM for approval copies of remediation documentation, such as, but not limited to, soil sample results, work plans, and agreements regarding the corrective action plan requirements and activities at the project site. Pertinent correspondence such as, but not limited to, soil sample results, work plans, agreements, and authorizations involving DTSC, the Huntington Beach Fire Department, and/or (if applicable) the Orange County Health Care Agency regarding the corrective action plan requirements and activities at the project site will be provided to the CPM within 10 days of receipt.	6/24/2016	6/28/2016	7/13/2016	Approved
WASTE-2	Waste Management	Prior to demolition of existing structures associated with Units 1, 2, and 5, the project owner shall complete and submit a copy of a SCAQMD Asbestos Demolition Notification Form to the CPM and the SCAQMD. Once submitted, the project owner shall remove all Asbestos Containing Material (ACM) from the site prior to demolition.	No less than sixty (60) days prior to commencement of structure demolition, the project owner shall provide the Asbestos Demolition Notification Form and any update notifications to the CPM and to the SCAQMD. The project owner shall inform the CPM via the monthly compliance report, of the data when all ACM is removed from the site.		4/19/2016	5/23/2016	Approved
WASTE-3	Registered Engineer or Geologist Resume	The project owner shall provide the resume of an experienced and qualified professional engineer or professional geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation, and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies.	At least 30 days prior to the start of site mobilization, the project owner shall submit the resume of the professional engineer or professional geologist to the CPM for review and approval.		4/1/2016	4/7/2016	Approved

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

<u>Color Code Key</u>	Not submitted to CEC.	Submitted to CEC; pending approval.	HBEP response to CEC questions pending.	CEC approved.
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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
WASTE-5	Waste Management	The project owner shall prepare a Construction Waste Management Plan for all wastes generated during construction of the facility and shall submit the plan to the CPM for review and approval.	<p>The project owner shall submit the Construction Waste Management Plan to the CPM for approval no less than 30 days prior to the initiation of construction activities at the site.</p> <p>The project owner shall also document in each monthly compliance report (MCR) the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Construction Waste Management Plan; and update the Construction Waste Management Plan, as necessary, to address current waste generation and management practices.</p>		3/25/2016	4/7/2016	Approved
WORKER SAFETY-1	Project Construction Safety and Health Program	The project owner shall submit to the compliance project manager (CPM) a copy of the Project Construction Safety and Health Program containing the following: <ul style="list-style-type: none"> o a Construction Personal Protective Equipment Program; o a Construction Exposure Monitoring Program; o a Construction Injury and Illness Prevention Program; o a Construction Emergency Action Plan; and o a Construction Fire Prevention Plan. 	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program. The project owner shall provide a copy of a letter to the CPM from the Huntington Beach Fire Department stating the fire department's timely comments on the Construction Fire Prevention Plan and Emergency Action Plan.		4/1/16, 4/20/16, 5/6/2016	5/9/2016	Approved
WORKER SAFETY-3	Construction Safety Supervisor	The project owner shall assign a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, is has knowledge of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to the construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards.	At least 60 days prior to the start of site mobilization, the project owner shall submit the name and contact information for the CSS to the CPM for review and approval. The contact information of any replacement CSS shall be submitted to the CPM within one business day.		9/18/2015	10/5/2015	Approved
WORKER SAFETY-4	Safety Monitor	The project owner shall, through an agreement with the Chief Building Official (CBO), obtain and pay for the services of a Safety Monitor. The services of the Safety Monitor shall be in addition to other work performed by the CBO. The Safety Monitor shall be selected by and report directly to the CBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification Worker Safety-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall have full access to the project site to conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	At least 60 days prior to the start of construction, the project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.			10/6/2015	Approved

Huntington Beach Energy Project (12-AFC-02C) Compliance Matrix

<u>Color Code Key</u>	Not submitted to CEC.	Submitted to CEC; pending approval.	HBEP response to CEC questions pending.	CEC approved.
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Conditions of Certification	Title	Description of Project Owner's Responsibility	Verification / Action / Submittal Required by Project Owner	Planned Date to CEC	Date sent to CEC, CBO, or Agency	Date Approved	CEC Status
WORKER SAFETY-5	Automatic External Defibrillator	The project owner shall ensure that a portable automatic external defibrillator (AED) is located and properly maintained and functioning on site during all demolition, construction, and operations. The project owner shall prepare and implement a training program on the use of the AED. The training program shall be submitted to the CPM for review and approval. During construction and commissioning, the following persons shall be trained in its use and shall be on site whenever the workers that they supervise are on site: the Construction Project Manager or delegate, the Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use.	At least 60 days prior to the start of site mobilization, the project owner shall submit the AED training program to the CPM for review and approval. The project owner shall also submit proof that a portable automatic external defibrillator (AED) exists on site in the Monthly Compliance Report and the Annual Compliance Report.		9/18/2015	10/6/2015	Approved

APPENDIX D
CBO DOCUMENTATION

AES Huntington Beach Energy Project (12-AFC-02C)
 CBO Proof of Payment (GEN-3)
 June 2016 Reporting Period

Name	Posting Date	Document Date	Net due date	Debit/credit amount	Reference	Reason code	Text
NV5 INC	11/20/2015	11/10/2015	12/25/2015	(61,545.23)	38090	Invoice	NV5 CBO Agreement For HBES
NV5 INC	12/14/2015	12/10/2015	1/24/2016	(19,100.07)	39373	Invoice	NV5 CBO Agreement For HBES
NV5 INC	12/21/2015	12/21/2015	12/21/2015	61,545.23		payment	
NV5 INC	1/19/2016	1/19/2016	1/19/2016	19,100.07		payment	
NV5 INC	3/9/2016	1/15/2016	2/29/2016	(5,160.30)	40668	Invoice	NV5 CBO Agreement For HBES
NV5 INC	3/10/2016	2/12/2016	3/28/2016	(7,239.61)	41755	Invoice	NV5 CBO Agreement For HBES
NV5 INC	3/14/2016	3/14/2016	3/14/2016	5,160.30		payment	
NV5 INC	3/21/2016	3/21/2016	3/21/2016	7,239.61		payment	
NV5 INC	3/28/2016	3/9/2016	4/23/2016	(8,005.92)	42670	Invoice	NV5 CBO Agreement For HBES
NV5 INC	4/18/2016	4/18/2016	4/18/2016	8,005.92		payment	
NV5 INC	5/13/2016	4/18/2016	6/2/2016	(52,536.24)	44044	Invoice	NV5 CBO Agreement For HBES
NV5 INC	5/17/2016	5/11/2016	6/25/2016	(56,551.37)	45192	Invoice	May - NV5 CBO Agreement For HBES
NV5 INC	5/23/2016	5/23/2016	5/23/2016	52,536.24		payment	
NV5 INC	6/13/2016	6/8/2016	7/8/2016	(85,958.60)	46570	Invoice	NV5 CBO Agreement For HBES
NV5 INC	6/20/2016	6/20/2016	6/20/2016	56,551.37		payment	May invoice payment in June
NV5 INC	7/1/2016	7/1/2016	7/1/2016	85,958.60		payment	

HUNTINGTON BEACH ENERGY PROJECT COMPLIANCE MATRIX BASED ON CEC 12-AFC-02

Color code key:	Demolition Item	Construction	Closeout Item	Date Submitted to CEC or Agency	Date Approved by CEC or Agency
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Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
CIVIL-01	CONSTRUCTION		The project owner shall submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan. 2. An erosion and sedimentation control plan. 3. A construction storm water pollution prevention plan (SWPPP). 4. Related calculations and specifications, signed and stamped by the responsible civil engineer. 5. Soils, geotechnical, or foundation investigations reports required by the 2013 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading the project owner shall submit the documents described above to the CBO for design review and approval. In the next monthly compliance report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading.				
CIVIL-02	CONSTRUCTION		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 owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. 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.	Within 24 hours of construction halt due to geologic conditions.				
CIVIL-03	CONSTRUCTION		The project owner shall perform inspections in accordance with the 2013 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 and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM. A list of NCRs, for the reporting month, shall also be included in the following monthly compliance report.	Within 5 days of discovery of any discrepancies.				
CIV-04	CLOSE OUT		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.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work, the project owner shall submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes. The project owner shall submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work.				

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ELEC-01	DEMO		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. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in conditions of certification in the TRANSMISSION SYSTEM ENGINEERING section of this document.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction, 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.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction.				
		Temporary Power for Trailers					7/15/2016		
		Temporary Power for Demolition Activities					8/5/2016		
GEN-01	CLOSE OUT		The project owner shall design, construct, and inspect the project in accordance with this Decision and the 2013 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Building Standards Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously).	Within 30 days following receipt of the certificate of occupancy, 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. The project owner shall provide the CPM a copy of the certificate of occupancy within 30 days of receipt from the CBO.	With 30 days after receipt of Certificate of Occupancy				
GEN-02	DEMO		Before submitting the initial engineering designs for CBO review, the project owner shall furnish the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list. The master drawings and master specifications list shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures, systems, and equipment, including the architectural visual enhancement specified in the VISUAL RESOURCES section. Major structures, systems, and equipment are structures and their associated components or equipment that are necessary for power production, costly or time consuming to repair or replace, are used for the storage, containment, or handling of hazardous or toxic materials, or could become potential health and safety hazards if not constructed according to applicable engineering LORS. The schedule shall contain the date of each submittal to the CBO.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO and to the CP2. Major structures and equipment shall be added to or deleted from the list only with CPM approval. The project owner shall provide schedule updates in the monthly compliance report. M the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, equipment, and the architectural enhancement features defined above in Condition of Certification GEN-2.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading.				
GEN-03	DEMO		The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. These fees may be consistent with the fees listed in the 2013 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 between the project owner and the CBO.	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.				

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GEN-04	DEMO		Prior to the start of rough grading, the project owner shall assign a California-registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project. The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.	At least 30 days prior to the start of rough grading.				
GEN-05	CONSTRUCTION		Prior to the start of rough grading, the project owner shall assign at least one of each of the following California registered engineers to the project: a civil engineer; a soils, geotechnical, or civil engineer experienced and knowledgeable in the practice of soils engineering; and an engineering geologist.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer and engineering geologist assigned to the project.	At least 30 days prior to the start of rough grading.				
GEN-06	CONSTRUCTION		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 2013 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection, the project owner shall submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth above.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection.				
GEN-07	CONSTRUCTION		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.	The project owner shall transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next monthly compliance report. 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.	The project owner shall transmit a copy of the CBO's approval or disapproval solve a discrepancy to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.				
GEN-08	CLOSE OUT		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-builts shall be provided to the CBO for retention by the CPM.	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next monthly compliance report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. 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.	CPM. The project owner shall transmit a copy of the CBO's approval or disapproval of any corrective				

Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
GEO-01	CONSTRUCTION		A Soils Engineering Report as required by Section 1803 of the California Building Code (CBC 2013), shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and tsunamis. In accordance with CBC 2013, the report should also include recommendations for ground improvement and/or foundation systems necessary to mitigate these potential geologic hazards, if present. The project owner shall conduct a geotechnical investigation that identifies expected dewatering volumes and the spatial extent of drawdown effects of that dewatering. If the investigation shows that dewatering is likely to affect nearby wetlands or environmentally sensitive habitat areas, mitigation measures shall be incorporated into the final design plans required pursuant to Condition of Certification GEN-02.	The project owner shall include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils; and tsunamis, and a summary of how the results of the analyses were incorporated into the project foundation and grading plan design for review and comment by the Chief Building Official (CBO). A copy of the Soils Engineering Report, application for grading permit and any comments by the CBO are to be provided to the CPM at least 30 days prior to grading.	action taken to resolve a discrepancy to the CPM within 15 days. If disapproved, the project owner shall				
GEO-02	CONSTRUCTION		The project owner shall comply with the requirements of Huntington Beach Municipal Code Section 17.04.085 to ensure the existing and previously identified abandoned gas well on the site, and any additional wells that may be identified during grading and construction, are appropriately mitigated and made safe. The project owner shall consult with the Fire Chief to determine whether any of the following requirements of the municipal code apply, and shall submit the recommendations of the Fire Chief to the CPM for review and approval.	The project owner shall include in the application for a Methane District Building Permit a copy of the construction project Site Plan Review approved by the California Department of Conservation Division of Oil, Gas and Geothermal Resources (DOGGR) that is on file with the Huntington Beach Fire Department PetroChem section. A copy of the site plan review, application for the Methane District Building Permit and any comments by Huntington Beach Fire Chief are to be provided to the CPM at least 30 days prior to initiation of grading.	advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain				
HAZ-07	DEMO		Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following: 1. perimeter security consisting of fencing enclosing the construction area 2. security guards 3. site access control consisting of a check-in procedure or tag system for construction personnel and visitors 4. written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on site or off site 5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency 6. evacuation procedures	At least thirty (30) days prior to commencing construction, the project owner shall notify the CPM that a site-specific Construction Security Plan is available for review and approval.	CBO's approval.				
		Construction Site Security Plan					7/15/2016		
NOISE-06	DEMO		Heavy equipment operation and noisy construction work relating to any project features, including pile driving, shall be restricted to the times delineated below: Mondays through Saturdays: 7:00 a.m. to 8:00 p.m. Sundays and Federal Holidays: Construction not allowed. Limited construction activities may be performed outside of the above hours, with CPM approval as set forth below. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.	Prior to ground disturbance.				

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Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
		Letter of Acknowledgement						6/27/2016	Completed
S&W-01	DEMO		The project owner shall manage stormwater pollution from HBEP construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009- DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the HBEP project.	Thirty (30) days prior to site mobilization of HBEP construction activities, the project owner shall submit the construction SWPPP to the CBO and CPM for review and the SWRCB for review and timely comment. A copy of the approved construction SWPPP shall be kept accessible onsite at all times. Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the Santa Ana Regional Water Quality Control Board about the general NPDES permit for discharge of stormwater associated with construction and land disturbance activities. This information shall include a copy of the notice of intent and the notice of termination submitted by the project owner to the SWRCB.	Thirty (30) days prior to site mobilization of HBEP construction activities.				
		Construction SWPPP						6/10/2016 1st submittal	
		Notice of Intent (NOI)						7/29/2016	
S&W-03	DEMO		Prior to any groundwater dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The dewatering plan shall include maximum daily and average daily pumping rates, and total volume expected to be pumped during dewatering, as well as the dates expected to be used for dewatering. The plan shall also include estimates of drawdown that may occur at the adjacent marsh land, and identify potential mitigation, as needed, as well as describe under what circumstances such mitigation would be implemented.	At least sixty (60) days prior to dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The project owner shall provide a report on the dewatering daily average and maximum rate and total daily volumes in each monthly compliance report when dewatering occurs. At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit. The project owner shall submit a copy of any correspondence between the project owner and the RWQCB regarding the waiver or permit and all related reports to the CPM within 10 days of correspondence receipt or submittal.	At least sixty (60) days prior to dewatering.				
S&W-04	DEMO		Prior to mobilization for construction, the project owner shall obtain a National Pollutant Discharge Elimination System permit for industrial waste and stormwater discharge to the Pacific Ocean. The project owner shall discharge to the same outfall currently utilized by the Huntington Beach Generating Station under the requirements of Order No. R8-2006- 0011, NPDES No. CA0001163. The project owner shall provide a copy of all permit documentation sent to the Santa Ana or State Water Board to the CPM and notify the CPM in writing of any reported non-compliance.	Prior to construction mobilization, the project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the Santa Ana or State Water Board. Thirty (30) days prior to HBEP operation, the project owner shall submit to the CPM a copy of the Industrial SWPPP.	Prior to construction mobilization.				
		NPDES Permit						6/28/2016	Completed
		Monthly Non-Compliance Report							To be included in MCR

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Critical

Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
STRUC-01	DEMO		<p>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.</p> <p>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. The project owner shall:</p> <ol style="list-style-type: none"> 1. Obtain approval from the CBO of lateral force procedures proposed for project structures. 2. Obtain approval from the CBO for the final design plans, specifications, calculations, soils reports, and applicable quality control procedures. If there are conflicting requirements, the more stringent shall govern (for example, highest loads, or lowest allowable stresses shall govern). All plans, calculations, and specifications for foundations that support structures shall be filed concurrently with the structure plans, calculations, and specifications. 3. Submit to the CBO the required number of copies of the structural plans, specifications, calculations, and other required documents of the designated major structures prior to the start of on-site fabrication and installation of each structure, equipment support, or foundation. 4. Ensure that the final plans, calculations, and specifications clearly 	At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit.	At least 60 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				
		Structural Design of Trailers					7/13/2016		
		Demolition Work Plan					9/9/2016		
		12' Construction Fence Design					9/9/2016		
		Utility Clearance Plan					9/9/2016		
		Demolition Site Delineation Plan					9/9/2016		
VIS-1	CONSTRUCTION		<p>Prior to submitting the master drawings and master specifications list for the project to the Chief Building Official (CBO) and the Compliance Project Manager (CPM), the project owner shall prepare and submit a Visual Screening and Enhancement Plan for Project Structures (Plan) that includes methods and materials to visually screen and treat surfaces of publicly visible power plant structures.</p>	No more than 45 calendar days before submitting the master drawings and master specifications list to the CBO (in accordance with the requirements of GEN-2), the project owner shall submit a Visual Screening and Enhancement Plan for Project Structures to the CPM for review and approval.					
VIS-2	CONSTRUCTION		<p>The project owner shall prepare and implement a Perimeter Screening and On-site Landscape and Irrigation Plan (Plan) to screen views of power plant structures.</p>	No more than 45 calendar days after submitting the master drawings and master specifications list to the CBO (in accordance with the requirements of Condition of Certification GEN-2), the project owner shall submit the Perimeter Screening and On-site Landscape and Irrigation Plan to the CPM for review and approval.					

Critical

Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
VIS-03	DEMO		Prior to the start of site mobilization, the project owner shall prepare and implement a Construction Screening, Landscape Protection, and Site Restoration Plan describing methods and materials that will be used during each project phase to screen project construction and parking areas and views of the project site from areas where construction activities have the potential to be visible during a phase. The Construction Screening, Landscape Protection, and Site Restoration Plan will describe methods and materials to identify and protect existing landscape trees and shrubs. The Construction Screening, Landscape Protection, and Site Restoration Plan will identify existing landscaped areas where plantings will be retained and where they will be permanently removed. The Construction Screening, Landscape Protection, and Site Restoration Plan will include provisions to restore areas where ground disturbance occurred during construction.	At least 60 calendar days before the start of site mobilization, the project owner shall submit a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM for review and approval. Simultaneously with the submission of a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM, the project owner shall submit seven copies of a Construction Screening, Landscape Protection, and Site Restoration Plan to the City of Huntington Beach Planning and Building Department for review and comment.	At least 60 calendar days before the start of site mobilization.				
VIS -04	DEMO		Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, construction worker parking lots, and construction laydown areas minimizes potential adverse night lighting impacts by implementing the following measures: 1. All fixed-position lighting shall be hooded and shielded to direct light downward and toward the construction area to be illuminated to prevent illumination of the night sky and minimize light trespass (i.e., direct light extending beyond the boundaries of the construction worker parking lots and construction sites, including any security-related boundaries). 2. Lighting of any tall construction equipment (e.g., scaffolding, derrick cranes, etc.) shall be directed toward areas requiring illumination and shielded to the maximum extent practicable. 3. Task-specific lighting shall be used to the maximum extent practicable. 4. Wherever and whenever feasible, lighting shall be kept off when not in use and motion sensors shall be used to the maximum extent practicable. 5. The Compliance Project Manager (CPM) shall be notified of any construction-related lighting complaints. Complaints shall be documented using a form in the format shown in Attachment 1, and completed forms shall record resolution of each complaint. A copy of each completed complaint form shall be provided to the CPM. Records of lighting complaints shall also be kept in the compliance file at the project site.	Within 7 calendar days after the first use of fixed-position parking area and construction-related lighting for major HBEP construction milestones, the project owner shall notify the CPM that the lighting is ready for inspection. Verification is to be repeated for these three construction milestones: • Demolition of HBGS Unit 5 and east fuel oil tank and construction of Power Block 1 • Construction of Power Block 2 • Demolition of HBGS Units 1 and 2 and construction of Buildings 33 and 34 If the CPM determines that modifications to the lighting are needed for any construction milestone, within 14 calendar days of receiving that notification, the project owner shall correct the lighting and notify the CPM that modifications have been completed. Within 48 hours of receiving a lighting complaint for any construction activity, the project owner shall provide a copy of the complaint report and resolution form to the CPM, including a schedule for implementing corrective measures to resolve the complaint. 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 resolution forms for that month.	Within 7 calendar days after the first use of fixed-position parking area and construction-related lighting for major HBEP construction milestones.				
		If Needed							

Critical	Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
	WASTE-01	CLOSE OUT		The project owner shall ensure that the HBEP project site is properly characterized and remediated as necessary pursuant to the corrective action plans reviewed by DTSC, the Huntington Beach Fire Department and/or the Orange County Health Care Agency. In no event shall project construction commence in areas requiring characterization and remediation until the CPM determines, with confirmation from the appropriate regulatory agency, that all necessary remediation has been accomplished.	At least 45 days prior to remediation the project owner shall submit to the CPM for approval copies of remediation documentation, such as, but not limited to, soil sample results, work plans, and agreements regarding the corrective action plan requirements and activities at the project site. Pertinent correspondence such as, but not limited to, soil sample results, work plans, agreements, and authorizations involving DTSC, the Huntington Beach Fire Department, and/or (if applicable) the Orange County Health Care Agency regarding the corrective action plan requirements and activities at the project site will be provided to the CPM within 10 days of receipt. At least 15 days prior to the start of site mobilization, the project owner shall provide to the CPM written notice from the appropriate regulatory agency that the HBEP site has been investigated and remediated as necessary in accordance with the corrective action plan. If soil contamination not previously identified or already included in corrective action plans, work plans or closure plans is encountered prior to or during grading the project owner shall notify the CPM and DTSC, revise the approved work plan and submit it for concurrent CPM, Huntington Beach	At least 45 days prior to remediation. At least 15 days prior to the start of site mobilization				
✓	WASTE-03	DEMO		The project owner shall provide the resume of an experienced and qualified professional engineer or professional geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation, and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies.	At least 30 days prior to the start of site mobilization, the project owner shall submit the resume of the professional engineer or professional geologist to the CPM for review and approval.	At least 30 days prior to the start of site mobilization.				
			Depending on Occurrence							
✓	WASTE-04	CLOSE OUT		If potentially contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities, as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the professional engineer or professional geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the recommended course of action.	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within 5 days of their receipt. The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within 5 days of their receipt.				
✓	WORKER SAFETY-01	DEMO		The project owner shall submit to the compliance project manager (CPM) a copy of the Project Construction Safety and Health Program containing the following: 1. a Construction Personal Protective Equipment Program 2. a Construction Exposure Monitoring Program 3. a Construction Injury and Illness Prevention Program 4. a Construction Emergency Action Plan 5. a Construction Fire Prevention Plan The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Huntington Beach Fire Department for review and comment prior to submittal to the CPM for approval.	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program. The project owner shall provide a copy of a letter to the CPM from the Huntington Beach Fire Department stating the fire department's timely comments on the Construction Fire Prevention Plan and Emergency Action Plan.	At least 30 days prior to start of construction.				

Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
		Site-Specific Health and Safety Plan - Lead/Asbestos Abatement							Completed
		Site-Specific Health and Safety Plan - Pipeline Cleaning					7/18/2016		
		Site-Specific Health and Safety Plan - Demolition					8/19/2016		
WORKER SAFETY-03	DEMO		The project owner shall assign a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, has knowledge of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to the construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The CSS shall: 1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs 2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects 3. assure that all construction and commissioning workers and supervisors receive adequate safety training 4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safety-related incidents 5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented.	At least 60 days prior to the start of site mobilization, the project owner shall submit the name and contact information for the CSS to the CPM for review and approval. The contact information of any replacement CSS shall be submitted to the CPM within one business day.	At least 60 days prior to the start of site mobilization.				Completed
WORKER SAFETY-04	DEMO		The project owner shall, through an agreement with the Chief Building Official (CBO), obtain and pay for the services of a Safety Monitor. The services of the Safety Monitor shall be in addition to other work performed by the CBO. The Safety Monitor shall be selected by and report directly to the CBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification Worker Safety-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall have full access to the project site to conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	At least 60 days prior to the start of construction, the project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	At least 60 days prior to the start of construction.			10/5/2015	Completed

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Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
WORKER SAFETY - 06	DEMO		The project owner shall prepare an Emergency Access Plan that shows all of the following: (1) a 26-foot wide fire lane that will provide a continuous loop around HBEP Block 1; (2) a 26-foot wide fire lane that will provide a continuous loop around HBEP Block 2; (3) a 26-foot wide fire lane from the HBEP main entrance to the continuous loops referenced in (1) and (2) above; and (4) a 26-foot wide fire lane from a secondary access point to the continuous loops referenced in (1) and (2) above. Both access lanes shall connect to a public street. Corners must allow for clear travel of a minimum 17-foot inner radius and 45-foot outer radius (radius must be concentric). The fire lanes shall be designed and maintained to support the imposed loads of fire apparatus (75,000 lbs. load/12,000 point load) and shall be surfaced to provide all-weather driving capabilities. Fire lane signage shall be provided as per City of Huntington Beach Specification #415. The 26-foot wide fire lanes shall meet the applicable requirements of the California Fire Code, City of Huntington Beach Municipal Code	At least 60 days prior to the start of construction of any structures or components listed in the CBO-approved master drawing and master specification list, or within a timeframe approved by the CPM, the project owner shall submit the Emergency Access Plan to the City Fire Department for review and timely comment, and to the CPM and CBO for review and approval.	At least 60 days prior to the start of construction.				
TRANS-6	CONSTRUCTION		The project owner shall install blinking obstruction marking and lighting on any construction equipment that exceeds 200 feet in height in accordance with FAA requirements.	At least 10 days prior to installation of permanent obstruction marking and lighting, the project owner shall provide the CBO and CPM proof in writing of approval by the FAA for all structure marking and lighting.					
SOCIO-2	CONSTRUCTION		The project owner shall pay the following one-time Development Impact Fees to the City of Huntington Beach as required by Chapter 17 of the Huntington Beach municipal code.	At least 90 days prior to the start of commercial operation, the project owner shall confer with the CEC's assigned Chief Building Official (CBO) for HBEP to calculate the applicable one-time development impact fee(s) as set forth in Chapter 17 of the Huntington Beach Municipal Code. At least 30 days prior to commercial operation, the project owner shall provide to the Compliance Project Manager (CPM) proof of payment to the city of Huntington Beach of the required Development Impact Fee(s).					

APPENDIX E
AIR QUALITY

Asbestos and Lead Abatement Generator Run Hours

Generator Run Hours

Jun-16

Date	Start Time	End time	Run hours	Run Hour Counter
			Initial Hours	2001.3
6/1/2016	7:30	15:30	8.00	2009.3
6/2/2016	7:30	15:30	8.00	2017.3
6/3/2016	8:00	15:30	7.50	2024.8
6/6/2016	8:00	15:30	7.50	2032.3
6/7/2016	8:00	15:30	7.50	2039.8
6/8/2016	8:00	15:30	7.50	2047.3
6/9/2016	7:30	15:30	8.00	2055.3
6/10/2016	7:30	12:30	5.00	2060.3
6/11/2016	0:00	0:00	0.00	2060.3
6/12/2016	0:00	0:00	0.00	2060.3
6/13/2016	8:00	14:00	6.00	2066.3
6/14/2016	8:00	15:30	7.50	2073.8
6/15/2016	8:00	15:30	7.50	2081.3
6/16/2016	8:00	15:30	7.50	2088.8
6/17/2016	8:00	11:00	3.00	2091.8
6/18/2016	0	0	0.00	2091.8
6/19/2016	0	0	0.00	2091.8
6/20/2016	8:00	12:00	4.00	2095.8
6/21/2016	8:00	15:30	7.50	2103.3
6/22/2016	8:00	12:30	4.50	2107.8
6/23/2016	8:00	12:00	4.00	2111.8
6/24/2016	0	0	0.00	2111.8
6/25/2016	0	0	0.00	2111.8
6/26/2016	0	0	0.00	2111.8
6/27/2016	0	0	0.00	2111.8
6/28/2016	12:00	15:00	3.00	2114.8
6/29/2016	8:00	15:22	7.37	2122.2
6/30/2016	8:00	13:00	5.00	2127.2

Run hours for the Month (Hrs)

125.9

June Fuel Receipts

4632253

WELCOME TO

DATE 06/08/16 11:36
TRAN# 9081872
PUMP# 08
SERVICE LEVEL: SELF
PRODUCT: DIESEL
GALLONS: 14.739
PRICE/G: \$ 3.699
FUEL SALE \$ 54.52
CREDIT \$54.52

Wright Exp
XXXXXXXXXXXXXXXXX8522
Auth #: 277845
Resp Code: 0
Stan: 0368962079
Odometer: 5350
Veh #: 07081
Invoice #: 344354
Shift #: 1

Store # 00000000976
4564
SITE ID: FE061320490
01

THANK YOU
HAVE A NICE DAY

Generator
to

COSTA MESA OIL CO
2281 NEWPORT BLVD
COSTA MESA, CA

COSTA MESA OIL CO
10021756
2281 NEWPORT BLVD
COSTA MESA, CA
06/22/2016 811286028
12:00:56 PM

8522
WEX

INVOICE 115442
AUTH 00-299681
REF 640020622161154

PUMP# 7
DIESEL 2 29.179G
PRICE/GAL 2.699

FUEL TOTAL \$ 78.75

CREDIT \$ 78.75

Batch: 64 Seq Num: 2
Term ID: 7
Vehicle Card Number: 07001
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM
Learn how to earn
30 cents/gallon in
fuel statement
credits. Go to
drivesavvy.com or
see credit
application.
Restrictions
apply. Offer
expires 6/30/16.
6899

COMPLETE A SURVEY
WWW.GASVISIT.COM
REGISTER TO WIN

**APPENDIX F
WORKER ENVIRONMENTAL AWARENESS
PROGRAM**

The following personnel received their WEAP training stickers.

Any workers that previously completed WEAP training will receive their hard hat sticker upon their next visit to the site following verification of training. Going forward any newly trained workers will receive their sticker at the time of training.



Chuck Griffin-NV5



Billy Landaverde - Safeway



Alex Navarro - Safeway



Candy De La Rosa- Argus

**APPENDIX G
BIOLOGICAL RESOURCES MONTHLY
SUMMARY REPORT**

AES Southland Development Huntington Beach Energy Project (HBEP)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 23, 2016	Melissa Fowler				0945-1130
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
73	64	9	N	Good	20% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP north border of property, outside of Limited Notice to Proceed (LNTF) project disturbance area and 300 foot buffer around LNTF.					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a spot-check of the house finch (<i>Haemorhous mexicanus</i>) nest that was previously identified by the abatement crew on June 17, 2016 on the east side of the fuel oil tank. A 25-foot no disturbance buffer was established and maintained after the initial observation.</p> <p>Bird/Nesting Birds Observations:</p> <ul style="list-style-type: none"> • The house finch nest was no longer active as of June 23, 2016. There were no chicks within the nest and no sign was identified. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • No other resources were observed during this visit. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • The 25-foot buffer can be removed and no further nest monitoring is warranted. 					
Wildlife Species Observed:					
American crow (<i>Corvus brachyrhynchos</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), house finch, and gull (<i>Larus</i> sp.).					

AES Southland Development Huntington Beach Energy Project (HBEP)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 30, 2016	Mark Canfield				0745-0900
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
72	72	1-3	N	Good	Overcast
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTP) project disturbance area.					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for special-status species and nesting birds on the AES HBEP Limited Notice to Proceed (LNTP) project site. The survey included: the LNTP fuel oil aboveground storage tank (AST) and basin; the compressor building, Peaker Building 5, and the maintenance storage building.</p> <p>Bird/Nesting Birds Observations:</p> <ul style="list-style-type: none"> • Previously active bird nests (2) that were being monitored are now inactive. • No new active bird nests or courtship and nesting behaviors were observed during today's monitoring event. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • A great egret (<i>Ardea alba</i>) was observed foraging in the upper Magnolia Marsh wetlands to the east of the LNTP area. This species is listed as Sensitive (S) by the California Department of Forestry and Fire Protection (CDF). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • Raccoon (<i>Procyon lotor</i>) or opossum (<i>Didelphis virginiana</i>) and other small mammal tracks (possibly <i>Neotoma</i> sp. or <i>Rattus</i> sp.) were observed on east side of LNTP fuel tank basin by locked gate to Magnolia Marsh access road. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None 					
Wildlife Species Observed:					
American crow (<i>Corvus brachyrhynchos</i>), barn swallow (<i>Hirundo rustica</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), great egret, gull (<i>Larus</i> sp.), mourning dove (<i>Zenaida macroura</i>), and rock pigeon (<i>Columba livia</i>).					

Photo 1



Location	LNTP: Fuel tanks and basin.	Description	LNTP fuel tanks and basin.
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Photo 2



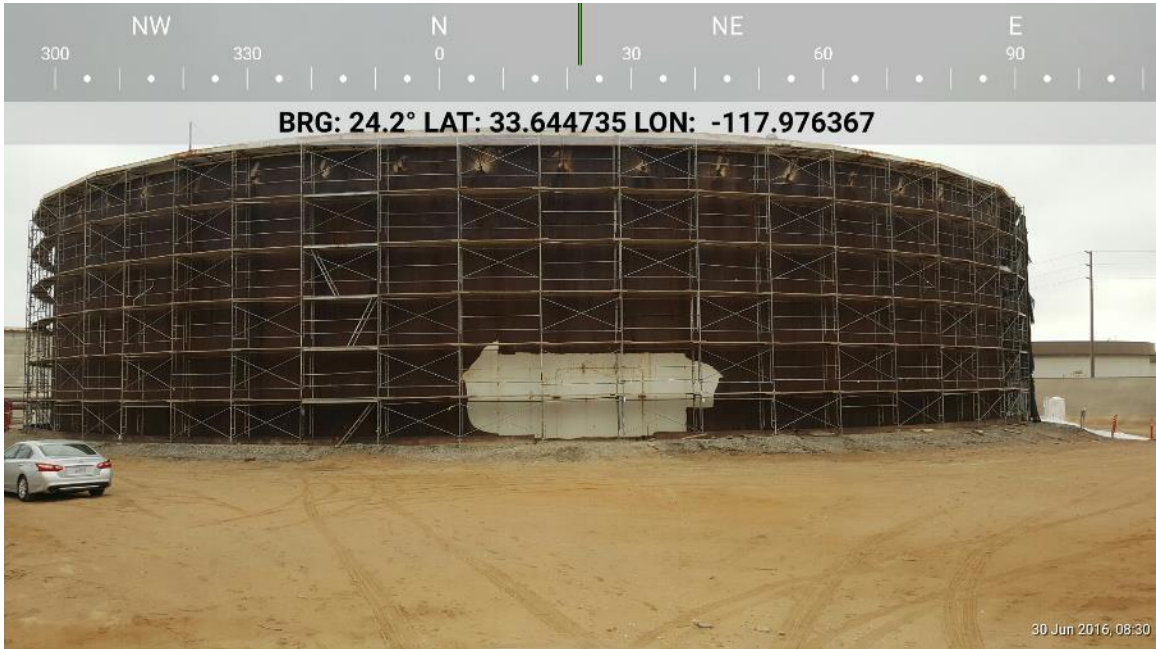
Location	LNTP: Peaker building 5.	Description	Peaker Building 5.
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Photo 3



Location	LNTP: maintenance storage building.	Description	Maintenance storage building
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Photo 4



Location	LNTP fuel tank.	Description	Abatement scaffolding on LNTP fuel tank.
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Photo 5



Location	LNTF: Fuel tank basin.	Description	Scaffolding materials staged next to small fuel tank in LNTF basin.
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Photo 6



Location	Magnolia Marsh.	Description	Magnolia Marsh (outside of LNTF disturbance area) to the east of the Project site.
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Environmental Observations

Project Name: HB - Owners Scope

Project Number: SLOS-HB

7/11/2016

Record No.	Category	Title	Creator Company	Creator	Observation Class	Observation Type	Priority	Status	Creation Date	End Date	Observation	Action Taken	Days taken to Close
SO-0024	Environmental	Wildlife Observation 6-1-2016	AES	Joshua Wynia	Positive Observation	Other	Low	Closed	6/6/2016	6/6/2016	Remains of Bird found on peaker roof completed Wildlife observation form and contacted biologist	Remains Disposed	0
SO-0025	Environmental	Bird Nest 6-1-2016	AES	Joshua Wynia	Positive Observation	Other	Low	Closed	6/6/2016	6/6/2016	Found two bird nest on peaker building - near exhaust fan West side and near stairs in light on south side.	Removed Old nest	0
SO-0026	Environmental	Peaker HW Label Walk	AES	Joshua Wynia	Best Practice Violation	Waste Segregation (Hazardous)	Medium	Closed	6/7/2016	6/10/2016	Peaker Containers: • Requested that ARGUS refresh HW Markings (Labels) as they are pretty faded • Appreciate the proper use of your EPA ID Tank • Please label empty large container as empty to minimize any confusion • Please have the guys add the letters to the front of the EPA ID on the Asbestos Container. The letters are an important part of the EPA ID	Relabeled all four containers to make visible. Large containers near large F.O. tank: one marked empty and other has appropriate asbestos label.	2
SO-0031	Environmental	Wildlife Observation	AES	Joshua Wynia	Positive Observation	Other	Low	Closed	6/16/2016	6/16/2016	Found Dead pigeon on Unit 2 Turbine Deck	Observation form completed and submitted to Biologist - Bird was removed. Wildlife form attached	0
SO-0032	Environmental	Wildlife Observation 6/16/2016	AES	Joshua Wynia	Positive Observation	Other	Low	Closed	6/16/2016	6/21/2016	Found dead bird near the North Side of the east fuel oil tank	Mark Canfield has documented, which will be in his monitoring log, and will dispose of the dead bird on June 17, 2016. The juvenile bird was predated upon. No further action is required.	5
SO-0045	Environmental	Wildlife Observation 6-16-16	AES	Joshua Wynia	Positive Observation	Other	High	Closed	6/23/2016	7/13/2016	Hector Valquez with Argus identified an active nest along the eastern side of the East Fuel oil storage tank. nest was found while removing a section of paneling around the outside of the tank.	Nest will be monitored until it has been deemed inactive. The 25-foot no disturbance buffer will remain in place.	19

**APPENDIX H
CULTURAL RESOURCES MONTHLY SUMMARY
REPORT**

**APPENDIX I
PALEONTOLOGICAL RESOURCES MONTHLY
SUMMARY REPORT**

APPENDIX J
WORKER SAFETY

Worker Safety - 5

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

Updated: July 08, 2016

The following 3 AED's are located on the AES Huntington Beach Facility and were available for use during the month of June



AED Located in Unit 1 and 2 Control Room

Worker Safety - 5



Maintenance Building



Unit 3 and 4 Control Room

**APPENDIX K
CHANGES TO CONDITIONS OF
CERTIFICATIONS**



AES Southland Development
690 N. Studebaker Road
Long Beach, CA 90803

tel 562 493 7891
fax 562 493 7320

April 27, 2016

Mr. Eric Veerkamp
Compliance Project Manager
California Energy Commission
1516 Ninth Street MS 2000
Sacramento, 95814

Subject: Huntington Beach Energy Project (12-AFC-02C)
Conditions of Certification VIS-3 Long-Term Construction Screening, Landscape
Protection, and Site Restoration Plan – Project Demolition, Construction, and
Commissioning

Dear Mr. Veerkamp;

Based on the memo dated 4/22/16, AES Southland Development, LLC (AES) is re-submitting the attached Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan – Project Demolition, Construction, and Commissioning – Phase 1 LNTP for your review and approval in accordance with VIS-3. If you have any questions, please do not hesitate to contact myself or our HBEP Construction CPM.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. O'Kane', written in a cursive style.

Stephen O'Kane
Vice-President
AES Southland Development, LLC
Manager
AES Huntington Beach Energy, LLC

Attachments

cc: Tracy Powell/HBEP Construction CPM
Jerry Salamy/CH2M

Sene Viola

From: Veerkamp, Eric@Energy <Eric.Veerkamp@energy.ca.gov>
Sent: Tuesday, May 03, 2016 10:15 AM
To: Sene Viola
Cc: Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee; Hinde, Jeanine@Energy; Hamblin, Mark@Energy
Subject: RE: 12-AFC-02C 12-AFC-02C HBEP VIS-3 Long Term Construction Screening...CPM APPROVAL

Good Morning Sene,

Energy Commission technical staff has reviewed the revised VIS-3 submittal, dated April 27, 2016, and finds it acceptable. Therefore, the submittal has CPM approval, and may be implemented in order to proceed with the abatement and demolition activities. We look forward to receiving the VIS-3 submittal and its implementation, in the fourth quarter of 2016, prior to the commencement of the berm removal.

Let me know if you have any questions.

Eric W. Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA. 95814
916-654-4295
eric.veerkamp@energy.ca.gov

From: Sene Viola [<mailto:sene.viola@guest.aes.com>]
Sent: Wednesday, April 27, 2016 3:39 PM
To: Veerkamp, Eric@Energy
Cc: Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee
Subject: 12-AFC-02C 12-AFC-02C HBEP VIS-3 Long Term Construction Screening....

Eric,

Attached is our re-submittal for the above referenced COC based on your comments provided in the email from 4/22/16. Please give me a call if you have any questions.

Best regards,

Señe Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260



AES Southland Development
690 N. Studebaker Road
Long Beach, CA 90803

tel 562 493 7891
fax 562 493 7320

May 5, 2016

Mr. Eric Veerkamp
Compliance Project Manager
California Energy Commission
1516 Ninth Street MS 2000
Sacramento, 95814

Subject: Huntington Beach Energy Project (12-AFC-02C)
Conditions of Certification Worker Safety-1 Project Construction Safety and Health Program –
Asbestos and Lead Abatement

Dear Mr. Veerkamp;

AES Southland Development, LLC (AES) is providing the attached Project Construction Safety and Health Program for Asbestos and Lead Abatement, which includes the following:

- Argus Site Specific Health and Safety Program,
- Ninyo & Moore (3rd party oversight) Site-Specific Abatement Specification
- AES's Construction Emergency Action Plan (as reviewed by the Huntington Beach Fire Department)
- AES's Fire Prevention Plan (as reviewed by the Huntington Beach Fire Department)
- AES Construction Exposure Monitoring Program

If you have any questions please do not hesitate to contact myself or our HBEP Construction CPM.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. O'Kane', written in a cursive style.

Stephen O'Kane
Vice-President
AES Southland Development, LLC
Manager
AES Huntington Beach Energy, LLC

Attachments

cc: Tracy Powell/HBEP Construction CPM
Jerry Salamy/CH2M

Sene Viola

From: Veerkamp, Eric@Energy <Eric.Veerkamp@energy.ca.gov>
Sent: Monday, May 09, 2016 3:22 PM
To: Sene Viola
Cc: Lesh, Geoff@Energy; Fooks, Brett@Energy; Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee; Kevin Wedman
Subject: 12-AFC-02C HBEP Worker Safety-1 Project Construction Safety and Health Program, CPM APPROVAL; Abatement approval to proceed

Sene,

I have been notified by Brett Fooks, our worker safety specialist that the revised Worker Safety-1 submittal for the Huntington Beach abatement work, dated May 5, 2016, has been reviewed and approved; therefore the WS-1 submittal has CPM approval, and the abatement contractor(s) may begin work immediately.

With approval of the Worker Safety-1 submittal, all the Energy Commission Conditions of Certification have been satisfied for the asbestos and lead abatement activities to commence. As per the conversation I had with Tracy this morning, I understand that you will be administering the WEAP training as a package (BIO/CUL/PAL), beginning on Wednesday, 5/11/2016. Considering that the CUL-1 WEAP is still not approved, I caution against issuing any helmet stickers or other notification of WEAP training completion until such time as all three components of the WEAP training are approved. As the abatement activities do not involve ground disturbing activity, neither the CUL or PAL portions of the WEAP training are required at this time.

Please keep in mind that prior to issuance of the LNTP for the demolition activities, the CUL WEAP will need to be approved AND another Worker Safety-1 submittal for construction (demolition) will need to be submitted and approved.

Thanks. Let me know if you have any questions.

Eric W. Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA. 95814
916-654-4295
eric.veerkamp@energy.ca.gov

From: Sene Viola [<mailto:sene.viola@guest.aes.com>]
Sent: Thursday, May 05, 2016 11:20 PM
To: Veerkamp, Eric@Energy
Cc: Lesh, Geoff@Energy; Fooks, Brett@Energy; Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee
Subject: 12-AFC-02C HBEP Worker Safety-1 Project Construction Safety and Health Program

Eric,

Attached you will find our re-submittal package for the above referenced COC. Below is a list of each attachment.

Attachment 1 – Argus Site Specific Health and Safety Program
Attachment 2 – Ninyo & Moore (3rd party oversight) Site-Specific Abatement Specification

Attachment 3 – AES’s Emergency Action Plan (previously submitted, no changes have been made)
Attachment 4 – AES’s Fire and Prevention Plan (previously submitted, no changes have been made)
Attachment 5 – AES Construction Exposure Monitoring Program

Please give me a call if you have any questions.

Best regards,

Señe Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

Sene Viola

From: Sene Viola
Sent: Monday, April 18, 2016 9:31 AM
To: Eric Veerkamp
Cc: Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Jenifer Lee; Cindy Salazar
Subject: BIO-8 Notification
Attachments: MFowlerResume_Apr2016 for BIO-8 Agency Notification.pdf; MAY2015-RESUME GARY M SANTOLO.pdf

Eric,

In accordance with Condition of Certification BIO-8, this email serves as notification that the project Designated Biologist, Melissa Fowler, will be conducting the light-footed clapper rail habitat assessment tomorrow, April 19, 2016. Melissa will be accompanied by another senior biologist, Gary Santolo. Both Melissa's and Gary's resumes are attached for your information. Separate notifications were made to the USFWS and CDFW on April 8, 2016.

Sincerely,

Sene Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

Sene Viola

From: Veerkamp, Eric@Energy <Eric.Veerkamp@energy.ca.gov>
Sent: Thursday, June 09, 2016 10:27 AM
To: Sene Viola
Cc: Tracy Powell; Joshua Wynia; Ruben Soroeta; Maggie Fitzgerald (Maggie.Fitzgerald@ch2m.com)
Subject: RE: Bio-8 Habitat Assessment, CPM APPROVAL

Sene,

Thank you for providing the notification of the commencement of the habitat surveys in compliance with BIO-8; as such, the submittal has CPM approval, and you may commence with the surveys.

Eric W. Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA. 95814
916-654-4295
eric.veerkamp@energy.ca.gov

From: Sene Viola [<mailto:sene.viola@guest.aes.com>]
Sent: Wednesday, May 25, 2016 11:06 AM
To: Veerkamp, Eric@Energy
Cc: Tracy Powell; Joshua Wynia; Ruben Soroeta; Maggie Fitzgerald (Maggie.Fitzgerald@ch2m.com)
Subject: RE: Bio-8 Habitat Assessment, additional information requested

Good Morning Eric,

Melissa Fowler will conduct the nesting bird surveys on June 6th (first survey) at 9am, and June 17th (second survey) at 9am.

Melissa Fowler and Gary Santolo will conduct the habitat assessment on June 10th at 9am.

Please let me know if you have any questions.

Thank you,

Señe Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

From: Veerkamp, Eric@Energy [<mailto:Eric.Veerkamp@energy.ca.gov>]
Sent: Monday, May 23, 2016 9:52 AM
To: Sene Viola
Cc: Tracy Powell; Joshua Wynia; Ruben Soroeta
Subject: RE: Bio-8 Habitat Assessment, additional information requested

Sene,

I neglected to follow up on this submittal previously. Will you please forward to me the name of the biologist conducting the surveys and assessment, and the timing of the surveys.

Thank you.

Eric W. Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA. 95814
916-654-4295
eric.veerkamp@energy.ca.gov

From: Sene Viola [<mailto:sene.viola@guest.aes.com>]
Sent: Tuesday, May 17, 2016 10:20 AM
To: Veerkamp, Eric@Energy; Kevin Wedman
Cc: Tracy Powell; Ruben Soroeta; Joshua Wynia
Subject: Bio-8 Habitat Assessment

Good Morning Eric and Kevin,

Per Bio-8, we are planning to conduct the light-footed clapper rail habitat assessment during the week of June 6th.

Please give me a call if you have any questions.

Thank you,

Señe Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

APPENDIX L
FILINGS/PERMITS



South Coast Air Quality Management District
 21865 Copley Drive, Diamond Bar, CA 91765-4182
 Phone: (909)396-2336 (www.aqmd.gov)

USPS-Mail Form and Fee To:

SCAQMD
 PO Box 55641
 Los Angeles, CA 90074-5641

All Others-Mail Form and Fee To:

Bank of America Lockbox Services
 Lockbox # 55641
 2706 Media Center Drive
 Los Angeles, CA 90065



Rule 1403 Form Notification of Demolition or Asbestos Removal

¹ Fax these type of Notification Forms to (909)396-3342 and mail the originals within 48 hrs

Project Type	DEMOLITION <input type="checkbox"/>	DEMOLITION (Fire Training) <input type="checkbox"/>	ASBESTOS REMOVAL (Renovation) <input type="checkbox"/>	PLANNED RENO (Annual) <input type="checkbox"/>	¹ PROCEDURE 4 PLAN <input type="checkbox"/>	¹ PROCEDURE 5 PLAN <input checked="" type="checkbox"/>	Project Urgency	EMERGENCY <input type="checkbox"/>	ORDERED <input type="checkbox"/>
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Notification Type	ORIGINAL <input type="checkbox"/>	¹ CANCELLATION <input type="checkbox"/>	¹ REVISION AMOUNT <input type="checkbox"/>	¹ REVISION DATES <input checked="" type="checkbox"/>	¹ REVISION OTHER <input type="checkbox"/>	Please provide original date 06/10/2016
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Contractor Information: Notifications should be submitted by the contractor performing the project

CSLB License 934189 Cal. OSHA REG 00961 AQMD ID 133181 CHECK 209452 FEE \$ 57.98 DATE 06/09/2016 PROJECT # 4632253

Company Name Argus Contracting, LP List Site Supervisor(s) _____ Phone _____

Address 11807 Smith Avenue TBD

City Santa Fe Springs State CA Zip 90670

Completed by Kara Rodriguez Phone (310) 254-5439

Site Information: Copies of this notification and the CAC asbestos survey report must be kept at the worksite during this project

Site Name AES Huntington Beach

Site Address 21730 Newland Street Cross Street Pacific Coast Highway

Site City Huntington Beach State CA Zip 92646 County Orange

Site Owner AES North America Development LLC Contact Joshua Wynia Phone (714) 227-9994

Owner Address 21730 Newland Street City Huntington Beach State CA Zip 92646

Describe Work Remove asbestos from multiple components

Describe Work Location (s) Peaker Building and Fuel Oil AST

Removal Project Start Date 05/12/2016 Removal Project End Date 07/08/2016 Project Work Shift Day Swing Night

²BUILDING SIZE in sq ft 65000.00 Number of Floors 2 Building Age (Years) 58 Number of Buildings or Dwelling Units 6

Building Prior/ Present Use SCHOOL HOSPITAL CONDO/APT PUBLIC BLDG. INDUSTRIAL COMMERCIAL OFFICE UNI/COLLEGE HOUSE SHIP OTHER

Required Building Information ASBESTOS SURVEY? YES NO ASBESTOS FOUND? YES NO ASBESTOS REMOVED? YES NO BUILDING TO BE DEMOLISHED? YES NO

Asbestos Information: Do not provide this information in demolition notifications, see pg 2

Asbestos Amount to be Removed in sq ft	FRIABLE	CLASS I	CLASS II	² TOTAL AMOUNT
		<u>32575.00</u>		<u>32575.00</u>

Amount of Each Type of Asbestos in sq ft	ACOUSTIC CEILING	LINOLEUM	INSULATION	FIRE PROOFING	DUCTING	STUCCO	MASTIC	FLOOR TILES (VAT)
	<u>DRYWALL</u>	<u>PLASTER</u>	<u>TRANSITE</u>	<u>ROOFING</u>	<u>OTHER</u>	PLEASE DESCRIBE OTHER TYPE OF ASBESTOS:		
			<u>32575.00</u>					

Asbestos Removal From SURFACES PIPES COMPONENTS

Asbestos Detection Procedures: Check the procedures and analytical methods used to determine the presence of asbestos in the building. See Survey Checklist

SURVEY BULK SAMPLING INSPECTION CAC ASSUMED AS ASBESTOS-PACM PLM PCM TEM

Controls: Check the combination of Rule 1403 procedures used to control asbestos emissions. (Procedure 4 and 5 submit plans for AQMD prior approval)

PROCEDURE NUMBER 1 2 3 4 5

Emergency Asbestos Removal: Check the sudden unexpected event and attach a letter from the person affected by the emergency explaining how this event caused unsafe conditions, equipment damage or unreasonable financial burden. For disturbed/damaged asbestos materials see Procedure 5 Guidelines.

FIRE FLOOD WATER DAMAGE EARTHQUAKE NUISANCE VANDALISM HEALTH/SAFETY FINANCIAL BURDEN EQUIPMENT DAMAGE OTHER

Name of Person Declaring/ Authorizing the Emergency _____ Phone _____ Date of Emergency _____ Hour of Emergency _____

AQMD USE ONLY: SCREENED BY	RECEIVED	POSTMARKED	ENTERED BY	NOTIFICATION #
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²Fees are per Notification and vary according to the ²TOTAL AMOUNT of asbestos removed or the demolition ²BUILDING SIZE



South Coast Air Quality Management District
 21865 Copley Drive, Diamond Bar, CA 91765-4182
 Phone: (909)396-2336 (www.aqmd.gov)

USPS-Mail Form and Fee To:

SCAQMD
 PO Box 55641
 Los Angeles, CA 90074-5641

All Others-Mail Form and Fee To:

Bank of America Lockbox Services
 Lockbox # 55641
 2706 Media Center Drive
 Los Angeles, CA 90065



Rule 1403 Form Notification of Demolition or Asbestos Removal

¹ Fax these type of Notification Forms to (909)396-3342 and mail the originals within 48 hrs

Project Type	DEMOLITION <input type="checkbox"/>	DEMOLITION (Fire Training) <input type="checkbox"/>	ASBESTOS REMOVAL (Renovation) <input type="checkbox"/>	PLANNED RENO (Annual) <input type="checkbox"/>	¹ PROCEDURE 4 PLAN <input type="checkbox"/>	¹ PROCEDURE 5 PLAN <input checked="" type="checkbox"/>	Project Urgency	EMERGENCY <input type="checkbox"/>	ORDERED <input type="checkbox"/>
Notification Type	ORIGINAL <input type="checkbox"/>	¹ CANCELLATION <input type="checkbox"/>	¹ REVISION AMOUNT <input type="checkbox"/>	¹ REVISION DATES <input checked="" type="checkbox"/>	¹ REVISION OTHER <input type="checkbox"/>	Please provide original date 06/10/2016			

Contractor Information: Notifications should be submitted by the contractor performing the project

CSLB License 934189 Cal. OSHA REG 00961 AQMD ID 133181 CHECK 209452 FEE \$ 57.98 DATE 06/09/2016 PROJECT# 4632253

Company Name Argus Contracting, LP List Site Supervisor(s) _____ Phone _____

Address 11807 Smith Avenue TBD

City Santa Fe Springs State CA Zip 90670

Completed by Kara Rodriguez Phone (310) 254-5439

Site Information: Copies of this notification and the CAC asbestos survey report must be kept at the worksite during this project

Site Name AES Huntington Beach

Site Address 21730 Newland Street Cross Street Pacific Coast Highway

Site City Huntington Beach State CA Zip 92646 County Orange

Site Owner AES North America Development LLC Contact Joshua Wynia Phone (714) 227-9994

Owner Address 21730 Newland Street City Huntington Beach State CA Zip 92646

Describe Work Remove asbestos from multiple components

Describe Work Location (s) Peaker Building and Fuel Oil AST

Removal Project Start Date 05/12/2016 Removal Project End Date 07/08/2016 Project Work Shift Day Swing Night

²BUILDING SIZE in sq ft 65000.00 Number of Floors 2 Building Age (years) 58 Number of Buildings or Dwelling Units 6

Building Prior Present Use SCHOOL HOSPITAL CONDO/APT PUBLIC BLDG. INDUSTRIAL COMMERCIAL OFFICE UNIV/COLLEGE HOUSE SHIP OTHER

Required Building Information ASBESTOS SURVEY? YES NO ASBESTOS FOUND? YES NO ASBESTOS REMOVED? YES NO BUILDING TO BE DEMOLISHED? YES NO

Asbestos Information: Do not provide this information in demolition notifications, see pg 2

Asbestos Amount to be Removed in sq ft	FRIABLE	CLASS I	CLASS II	² TOTAL AMOUNT
		<u>32575.00</u>		<u>32575.00</u>
Amount of Each Type of Asbestos in sq ft	ACOUSTIC CEILING	LINOLEUM	INSULATION	FIRE PROOFING
	<u>DRYWALL</u>	<u>PLASTER</u>	<u>TRANSITE</u>	<u>ROOFING</u>
			<u>32575.00</u>	OTHER
				PLEASE DESCRIBE OTHER TYPE OF ASBESTOS:

Asbestos Removal From SURFACES PIPES COMPONENTS

Asbestos Detection Procedures: Check the procedures and analytical methods used to determine the presence of asbestos in the building. See Survey Checklist

SURVEY BULK SAMPLING INSPECTION CAC ASSUMED AS ASBESTOS-PACM PLM PCM TEM

Controls: Check the combination of Rule 1403 procedures used to control asbestos emissions. (Procedure 4 and 5 submit plans for AQMD prior approval)

PROCEDURE NUMBER 1 2 3 4 5

Emergency Asbestos Removal: Check the sudden unexpected event and attach a letter from the person affected by the emergency explaining how this event caused unsafe conditions, equipment damage or unreasonable financial burden. For disturbed/damaged asbestos materials see Procedure 5 Guidelines.

FIRE FLOOD WATER DAMAGE EARTHQUAKE NUISANCE VANDALISM HEALTH/SAFETY FINANCIAL BURDEN EQUIPMENT DAMAGE OTHER

Name of Person Declaring/ Authorizing the Emergency _____ Date of Emergency _____ Hour of Emergency _____

AQMD USE ONLY: SCREENED BY	RECEIVED	POSTMARKED	ENTERED BY	NOTIFICATION#
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²Fees are per Notification and vary according to the ²TOTAL AMOUNT of asbestos removed or the demolition ²BUILDING SIZE



**Title 8 CCR Section 5203 Temporary Worksite Notification
(Report of Regulated Carcinogen Use including Asbestos-Related Work)**

DATE: 6-09-16

Company/Employer Name: Argus Contracting, LP

Headquarters Address: 11807 Smith Avenue, Santa Fe Springs, CA 90670

Title 8 Regulated Carcinogen used: _____ "Report of Use" Registry Number: _____

Address of Temporary Worksite and Precise Location: 21730 Newland Street, Huntington Beach, CA 92646

Located at AES Huntington Beach

Nearest Intersection: Newland Street & Pacific Coast Highway

Type of Business: Power Plant

Contractors State License Board License Number: 934189

*DOSH-Asbestos Unit (Cal/OSHA) Asbestos Registration Number: 961

*Name of Certified Supervisor/contact information: Kara Rodriguez (310) 254-5439

*Name/Contact info of Qualified Person(s) in Charge of Air Monitoring/Lab Analysis and site safety:
Chris Rennie (310) 420-9428

*Name/contact info of DOSH Certified Asbestos Consultants(s) and Technician(s): _____

Projected Job Start Date: 05/12/2016 Projected Completion Date 07/08/2016

Describe Type, Scope and Work Practices of the Job: Remove approximately 5,582 SF of mastic, VAT gaskets, duct tape, insulation, coating and putting using wet manual methods.

Evaluation of Potential for Exposure: Anticipated to stay below PEL

Estimated Number of Employees on this Job: 8-10 Workers

Provide at least 24 hours notice to the nearest DOSH district office prior to the start of any regulated carcinogen temporary worksite regulated by section 5203(e). Additional information marked with a * are required for a job or phase of yr4343 fh-related work requiring the employer or contractor to be registered by section 341.9. Do not send this notification to DOSH Headquarters or to DOSH Consultation. This will not satisfy the notification requirement and could result in citation.

Note: Any change in the information provided to the District Office by the written notice shall be reported to the District Office within 24 hours of such change.

STATE OF CALIFORNIA
Division of Occupational Safety and Health

LEAD-WORK PRE-JOB NOTIFICATION



Annual Notification for Steel Structures

(*Note: items marked are required)

*Name of employer doing 'Lead Work'		*Address	*Zipcode	*Phone
934189		11807 Smith Avenue		562-422-7370
Calif. Cont. Lic. No. (if applicable)		Santa Fe Springs, CA 90670		Pager/cellular phone no.
Supervisor:		*Number of lead-job workers: (Check one below)		
* Supervisor name: Candy De La Rosa		<input type="checkbox"/> 1 - 5	<input type="checkbox"/> 31 - 40	
California Department of Health Services Lead Cert. No. (if applicable) 12105		<input checked="" type="checkbox"/> 6 - 10	<input type="checkbox"/> 41 - 50	
		<input type="checkbox"/> 11 - 20	<input type="checkbox"/> > 50	
		<input type="checkbox"/> 21 - 30		

*Job start date/time	*Job completion date/time	Shift (Check all that apply)	*Approximate duration of 'Lead Work' in days
5/13/2016 6:30am	06/17/2016 3:00pm	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Swing <input type="checkbox"/> Graveyard <input type="checkbox"/> Other	30

*Street address or location of job	City	Nearest cross street
21730 Newland Street	Huntington Beach	Pacific Coast Hwy
	County	Zipcode
	Los Angeles	92646

*Precise location of work (building no., room no., etc.)				
Entity contracting the lead-work (check one)		Address	Zipcode	Phone
<input checked="" type="checkbox"/> Premises Owner <input type="checkbox"/> Lessee		21730 Newland Street	992646	(714) 227-9994
Name: AES North America Development		Huntington Beach, CA		Pager/cellular phone no.

Type of structure and use: (Check all that apply)			
<input type="checkbox"/> Office Building	<input type="checkbox"/> Residence	<input checked="" type="checkbox"/> Steel Structure/Type	Fuel Oil Tank
<input type="checkbox"/> Public Access/Commercial	<input type="checkbox"/> School	<input checked="" type="checkbox"/> Other	Metal buildings

Scope of work and work practices:			
*Describe lead-related work to be done (check all that apply)			
<input checked="" type="checkbox"/> Surface Preparation	<input type="checkbox"/> Wall Repair	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Water/Moisture Damage Repair	<input checked="" type="checkbox"/> Paint Removal		
<input type="checkbox"/> Window/Door Repair/Replacement	Demolition		

*Describe paint removal methods (Check all that apply):			
<input checked="" type="checkbox"/> Manual Scraping/Sanding	<input type="checkbox"/> Demolition	<input type="checkbox"/> Hydroblasting	<input type="checkbox"/> Other work practices disturbing lead: _____
<input type="checkbox"/> Power Sanding/Grinding	<input type="checkbox"/> Heat Guns	<input type="checkbox"/> Torch Cutting	
<input checked="" type="checkbox"/> Chemical Stripping	<input type="checkbox"/> Abrasive Blasting	<input type="checkbox"/> Welding	

*Amount of area to be disturbed: (Check one per column)			
<input type="checkbox"/> < 10 square feet	<input type="checkbox"/> < 10 linear feet		
<input type="checkbox"/> 10 - 100 square feet	<input type="checkbox"/> 10 - 100 linear feet		
<input type="checkbox"/> 101 - 1000 square feet	<input type="checkbox"/> 100 - 1000 linear feet		
<input checked="" type="checkbox"/> > 1000 square feet	<input type="checkbox"/> > 1000 linear feet		

Torch cutting/welding	Duration of work: _____
-----------------------	-------------------------

Concentration of lead in disturbed materials:	
_____ parts per million (ppm)	_____ % percent by weight
_____ mg/cm ²	Assumed to be lead-containing: <input checked="" type="checkbox"/> YES

Name of Notifier:	Title:	Date:
Kara Rodriguez	Project Manager	06/09/16

**APPENDIX M
COMPLAINTS, NOTICES OF VIOLATIONS,
WARNINGS AND CITATIONS**

**AES Huntington Beach Energy Project
Owner's Scope Hotline Call Log
June 2016**

Log Number	Date	Time	First Name	Last Name	Phone Number	Address	City/State/ZIP	Email	Inquiry	Complaint	Noise?	Status	Response Date	Response Time	Response	Responder*
1	6/7/2016	1:12 PM	Ski	No Name	(714) 963-1269	Not provided	Not provided	Not provided	1) what kind of energy project is? 2) Saturday 7am -8pm too early for construction	No	Could become noise complaint after demo begins	Closed	6/7/2016	3:54 PM	Voicemail left: new and modernized power plant beginning with demolition.	JT
2	6/7/2016	1:44 PM	Terry	Cincotta	(714)916-8816	8291 Cape Horn Drive	Huntington Beach, CA 92646	Not provided	Construction start date and construction company	No	No	Closed	6/7/2016	5:40 PM	Provided general demolition start date (summer 2016), construction start date (Q1 2017), General Contractor (Keiwick). Caller stated in industry and neighboring resident of HBEP. Is happy that construction will only occur daytime and believes Keiwick will keep to promise. (Business development)	JT
3	6/7/2016	3:28 PM	Randy	Bruno	(714)968-4084	Not provided	Not provided	Not provided	Just electrical plant or water desalinization plant too?	No	No	Closed	6/7/2016	3:46 PM	Poseidon is a completely separate project owned and managed by a separate company. While it is proposed to be built adjacent to the HBEP, it is not related to AES. (caller commented that they liked the design of the façade).	JT
4	6/8/2016	12:24 PM	Chris	Waring	(714) 397-0537	80 Huntington Street, Space 628	Huntington Beach, CA 92648	Not provided	City Mobile Home Park resident - what is project and where will it be built? Please mail additional information.	No	No	Closed	6/8/2016	4:31 PM	Provided general description of project and location. Stated that AES will provide additional written material in the mail. 6/10/16 - AES mailed additional information to caller.	JT
5	6/8/2016	1:09 PM	John	Bedeski	(714) 968-8403	Not provided	Not provided	Not provided	What does AES stand for? What is project?	No	No	Closed	6/8/2016	4:15 PM	Provided general description of project. Stated AES was previously named Applied Energy Services but name is now AES. Caller stated that his concern was that the AES acronym might be related to atomic/nuclear energy. Confirmed that current and future power plants are/will be powered by natural gas.	JT

*Responders listed by initials:
JT: Jennifer Trotter
SO: Stephen O'Kane

**AES Huntington Beach Energy Project
Owner's Scope Hotline Call Log
June 2016**

Log Number	Date	Time	First Name	Last Name	Phone Number	Address	City/State/ZIP	Email	Inquiry	Complaint	Noise?	Status	Response Date	Response Time	Response	Responder*
6	6/8/2016	1:29 PM	Dori	No Name	(714) 350-3300	8382 Alvarado Dr	Huntington Beach	dori_guy@yahoo.com	What does AES stand for?	No	No	Closed	6/8/2016	1:29 PM	Answered phone call directly - provided general description of project. Stated will inquire as to meaning of AES. Caller stated that she was happy that the new project would be smaller. Call back at 4:12 PM to clarify AES was previously named Applied Energy Services but name is now AES.	JT
7	6/8/2016	2:05 PM	Steve	Noble	(714)964-4221	Not provided	Huntington Beach, CA	snoble@socal.rr.com	Project relationship to Poseidon	No	No	Closed	6/8/2016	2:05 PM	Answered phone call directly - Poseidon is a completely separate project owned and managed by a separate company. While it is proposed to be built adjacent to the HBEP, it is not related to AES. (caller commented that AES is a good neighbor and is supportive of project).	JT
8	6/8/2016	4:01 PM	Donald	Bloom	Not provided	21762 Starfire Lane	Huntington Beach, CA 92646-7908	None	What does AES stand for?	No	No	Closed	6/8/2016	4:01 PM	Answered phone call directly - stated that AES was previously named Applied Energy Services but name is now AES.	JT
9	6/8/2016	7:22 PM	Brandon	Knight	(714) 364-7273	Not provided	Not provided	Not provided	Request project length and noise/traffic impacts expected.	No	Could become noise complaint after demo begins	Closed	6/9/2016	9:23 AM	Left voicemail: provided overview of expected demolition and construction start, and limited possible noise & traffic impacts expected.	JT
10	6/10/2016	8:33 AM	Rich	Fancher	(714) 969-2513	8311 Castellian Drive	Huntington Beach, CA	rkfancher62@aol.com	Long time resident with concerns about fugitive dust and contaminates during demolition, and wants to know specific streets that construction traffic will be directed through. Specifically would like to know if baseline measurements will be taken of PM and how air quality will be monitored. Is chemist and prefers technical documents to review and to speak to an environmental officer.	No	No	Closed	6/10/2016	4:32 PM	Addressed primary concerns of air quality and vehicle traffic. Will provide caller with CEC's final decision and the Conditions of Certification. Emailed caller 6/11/16 at 10:27 am with link to CEC Final Decision for Project.	SO
11	6/10/2016	3:27 PM	Nelida	Espinoza	(714) 960-8931	Not provided	Not provided	Not provided	What is HBEP and AES?	No	No	Closed	6/11/2016	11:17 AM	Left voicemail: provided overview of project and AES.	JT

*Responders listed by initials:
JT: Jennifer Trotter
SO: Stephen O'Kane

**AES Huntington Beach Energy Project
Owner's Scope Hotline Call Log
June 2016**

Log Number	Date	Time	First Name	Last Name	Phone Number	Address	City/State/ZIP	Email	Inquiry	Complaint	Noise?	Status	Response Date	Response Time	Response	Responder*
12	6/14/2016	3:59 PM	Joan	McGlocklin	(714) 960-4626	21162 Miramar Lane	Huntington Beach, CA	joaniemac@verizon.net	Caller is upset about potential noise during evening hours (specifically after 5 pm). Caller also stated that off shore winds cause noise to be carried in the direction of her neighborhood. While she does not intend on fighting the project, she did express that she wanted AES, city, and state to understand that noise in the evening is not considerate of public.	No	Could become noise complaint after demo begins	Closed	6/14/2016	5:02 PM	6/14/16: voicemail will call back to identify caller's questions. 6/15: returned call, stated that will take noise concerns to manager and follow up with mitigation measures to reduce noise during demolition/construction. 6/16 and 6/17: left voicemail state that additional information is available regarding noise abatement. 6/20: provided caller with noise mitigation measures and estimated demo/construction timelines. Notified caller of neighboring construction expected in July by Plains All American. Caller pleased with steps taken to reduce noise and hopeful that AES will try to minimize noise in evenings (husband is a contractor, a little skeptical).	JT
13	6/22/2016	3:35 PM	No Name	No Name	Not provided	Lives on Newland	Huntington Beach, CA	Not provided	*When will construction actually begin *How many trucks are expected to come down Newland *AES HBEP webpage has been hacked *Will 500 cars be parked in the wetlands	No	No	Closed	6/22/2016	3:35 PM	Answered phone call directly. Notified caller that demolition is anticipated to begin in August. Stated that I was unsure of exact number of trucks expected during demolition. We will notify IT dept of possibly webpage hack. Construction worker cars will be located at site on Newland.	JT

*Responders listed by initials:

JT: Jennifer Trotter

SO: Stephen O'Kane