

DOCKETED

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Description:	Amended Monthly Compliance Report (MCR) for May, 2016 for the Huntington Beach Energy Project
Filer:	Patty Paul
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June 22, 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
 Amended Monthly Compliance Report – 001 May 2016

Dear Mr. Veerkamp:

Enclosed please find the Amended Monthly Compliance Report – 001 for the Huntington Beach Energy Project for the month of May 2016. 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", is centered on a light gray rectangular background.

Joshua Wynia
Project Director

Enclosure

cc: Project File

Huntington Beach Energy Project

Amended Monthly Compliance Report - 001

Report Period: May 2016

Submitted to

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

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1. CURRENT PROJECT CONSTRUCTION STATUS

This section of the monthly compliance report addresses the progress of the Huntington Beach Energy Project (HBEP) construction activities.

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 included the following:

- Visual screening and snow fencing installed;
- Asbestos abatement within Peaker building interior and exterior;
- Lead stabilization on the interior and exterior of the peaker building;
- Scaffolding constructed around the AST with fabric installed;
- Lead stabilization completed on gas compressor building; and
- Additional soil samples collected around the peaker building to complete HRA assessment.

3. COMPLIANCE MATRIX

3.1. CEC Documentation

The CEC Compliance Matrix addressing this month's status is included in Appendix C.

3.2. CBO Documentation

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

- Copies of documents uploaded to the CBO's FTP site for this reporting period; found 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 CBO Documentation Uploaded to FTP Site

COC	Description	Date Submitted
GEN-2,3	Kiewit Boring Loc Map	5/2/2016
	Exploration Map CPT and Borings	5/2/2016
	Draft LNTP 2015-11-03	5/2/2016
	Geotechnical Specifications	5/2/2016
	Asbestos Abatement Specs Draft	5/2/2016
	Leighton OSHA 300	5/2/2016
	Kiewit Power COI	5/2/2016
	Building Material Survey Final	5/2/2016
	TerraCon OSHA 300	5/2/2016
HAZ-7	Owners Security Plan	5/11/2016
WASTE-2	Abatement AQMD Notice	5/18/2016
WORKER SAFETY-1	Owners Occupational Exposure Program	5/18/2016
	Emergency Owners Response Plan	5/18/2016
	Argus Site Safety Plan	5/18/2016
	NM Abatement Specifications	5/18/2016
	Owners Fire Prevention and Protection Plan	5/18/2016

4. REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT

4.1. Worker Safety

4.1.1. WORKER SAFETY-3 Construction Safety Supervisor

As detailed in the WORKER SAFETY-3 Construction Safety Supervisor, the Monthly Compliance Report 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

The attached sign-in sheets are included in Appendix F. The list includes the 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 the AES construction digital database (Unifier).

No safety management actions or safety incidents were reported in the monthly reporting period; however AES does perform daily safety observations which are included in Appendix F.

Continuing or Unresolved Situations

- None to report

First Aid or Recordable Injuries

- None to report

4.1.2. WORKER SAFETY-5 Automatic External Defibrillator

As detailed in the WORKER SAFETY-5 Automatic External Defibrillator, the Monthly Compliance Report will include proof that a portable automatic external defibrillator exists on site.

4.2. Worker Environmental Awareness Program Training

The Designated Biologist conducted on-site Worker Environmental Awareness Program (WEAP) training on May 11, 2016. Although BIO-5 Biological Resources Worker Environmental Awareness Program and PAL-4 Preparation of Worker Environmental Awareness Program sections of the WEAP have been approved the CUL-5 Cultural Resources Worker Environmental Awareness Program section has yet to be approved by Compliance Project Manager (CPM), AES elected to conduct WEAP training for all on-site construction workers to support compliance with relevant conditions of certifications.

Subsequent to the Designated Biologist's in-person training, AES has conducted WEAP training via electronic media. Appendix E includes WEAP Certification of Completion forms for this monthly reporting period. During this reporting period 31 workers were trained. A total of 31 workers have been WEAP trained for the project

In the unlikely event that the current WEAP requires modifications, WEAP hard hat stickers have not been distributed. Hard hat stickers will be provided to all training workers at the time the WEAP is fully approved.

4.3. Biological Resources: BIO-6 BRMIMP

As required by BIO-6 Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), survey results, construction activities that were monitored, species observed are detailed below and a Unifier summary is included in Appendix G.

The following 2 observations were noted during this monthly reporting period;

- Nest observed on top of berm adjacent to City of HB tank farm, which is located adjacent to but outside of the LNTP project boundary. The nest was not disturbed and a 25 foot barricade was put in place to protect it. The observation was documented using the Wildlife Observation Form contained in the approved BRMIMP.
- Found dead bird behind the peaker building. Notified Designated Biologist of the finding and documented the finding via a Wildlife Observation Form. The bird had been dead for some time and only the skeleton remained. The remains were disposed of in accordance with AES' County-approved protocol.

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 E) 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 E) 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. 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 this will begin with the start of ground disturbance.

Required documentation for the monthly compliance report is detailed in AQ-SC3 Construction Fugitive Dust Control; AQ-SC4 Dust Plume Response Requirement; and AQ-SC5 Diesel-Fueled Engine Control.

4.6.1. 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. Future activities will be included in Appendix J.

4.6.2. AQ-SC4 Dust Plume Response Requirement

As required by AQ-SC4, the AQCOMM shall provide the CPM a Monthly Compliance Report 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 AQCOMM 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. Future activities will be included in Appendix J.

4.6.3. AQ-SC5 Diesel-Fueled Engine Control

As required by AQ-SC5 Diesel-Fueled Engine Control

- 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 AQCOMM 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 used as temporary power for lead and asbestos abatement/monitoring activities.

A summary of these activities are listed below. The detailed documents which include: AQCMP Compliance Form; generator cut sheet; asbestos and lead abatement generator run hours; Fuel Log; and fuel receipts are included in Appendix J.

- Run Time
 - 92 hours and 30 minutes of run time for the month of May 2016
- Diesel fuel receipts
 - Approximately 47 gallons of diesel-fuel has been added by Argus for the month of May 2016.

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

5. COMPLIANCE REQUIREMENTS COMPLETED DURING THE REPORTING PERIOD

Table 5-1 contains the compliance requirements submitted to the CPM during this reporting period.

Table 5-1 Compliance Submittals

COC	Description	Date Submitted	CEC Approval Date	Status
WORKER SAFETY-1	Project Construction Safety and Health Program	5/6/2016	5/9/2016	Approved
GEO-2	Compliance with City of Huntington Beach Municipal Code Section 17.04.085	5/16/2016	--	CEC Review
BIO-8	Pre-Construction Nest Surveys and Impact Minimization Measures for Breeding Birds	5/25/2016	-	CEC Review
NOISE-1	Public Notification Process	5/31/2016	--	CEC Review

Table 5-2 contains the CEC requirements that were submitted to the CPM prior to this monthly report.

Table 5-2 Previous Compliance Submittals

COC	Description	CEC Approval Date
AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM)	4/5/2016
AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	3/15/2016
AQ-SC6	Construction Particulate Matter Mitigation Plan	3/15/2016
BIO-1	Appointment and Qualifications of Designated Biologist	9/28/2016
BIO-3	Appointment and Qualifications of Biological Monitors	9/28/2016
BIO-5	Biological Resources Worker Environmental Awareness Program (WEAP)	5/3/2016
BIO-6	Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP)	3/23/2016
COM-4	Pre-Construction Matrix and Tasks Prior to Start of Construction	9/18/2015

COC	Description	CEC Approval Date
CUL-6	Undiscovered Cultural Resources	10/2/2015
HAZ-7	Hazardous Materials	9/24/2015
NOISE-6	Construction Restrictions	3/15/2016
PAL-1	Appointment and Qualifications of Paleontological Resource Specialist (PRS)	10/19/2015
PAL-2	Documents Provided to the PRS	10/19/2015
PAL-3	Paleontological Resources Monitoring and Mitigation Plan (PRMMP)	4/4/2016
PAL-4	Preparation of Worker Environmental Awareness Program (WEAP)	4/4/2016
VIS-3	Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan - Project Demolition, Construction, and Commissioning	5/3/2016
WASTE-2	Waste Management	5/23/2016
WASTE-3	Registered Engineer or Geologist Resume	4/7/2016
WASTE-5	Waste Management	4/7/2016
WORKER SAFETY-1	Project Construction Safety and Health Program	5/9/2016
WORKER SAFETY-3	Construction Safety Supervisor	10/5/2015
WORKER SAFETY-4	Safety Monitor	10/6/2015
WORKER SAFETY-5	Automatic External Defibrillator	10/6/2015

6. DELINQUENT SUBMITTALS

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

Table 6-1 Delinquent Compliance Submittals

COC	Description	Date Submitted	Status
CUL-1	Appointment and Qualifications of Cultural Resources Specialist (CRS)	9/18/15, 12/9/15, 4/22/16	CEC Review
CUL-2	Information to be Provided to CRS	9/18/15	CEC Review
CUL-5	Cultural Resources Worker Environmental Awareness Program (WEAP)	10/2/15, 4/20/16	CEC Review
CUL-7	Power of CRS	9/18/15	CEC Review

7. CHANGES TO CONDITIONS OF CERTIFICATION

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 Conditions of Certifications list established on 9/11/15 between the CEC and AES did not include the condition for BIO-8. However through discussions between the CEC and AES, the decision was made to include this condition. This condition has been added to the COC matrix and will be scheduled for the following month.

8. FILINGS/ PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES

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

- During this reporting period, 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 above ground storage tank (AST) on May 11, 2016.
- The Procedure 5 plan with the Rule 1403 Form Notification of Demolition or Asbestos Removal was sent to the South Coast Air Quality Management District (SCAQMD) on April 14, 2016 in preparation for the asbestos abatement of the transite panels on the (AST).

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.

10. PROJECT COMPLIANCE ACTIVITIES

- 10.1. Table 10-1 lists the active conditions of certifications.

Table 10-1 Active Condition of Certifications

COC	Description Summary
AQ-SC3	AQCMP documentation for dust control measures
AQ-SC4	Dust plume response
AQ-SC5	Diesel-fueled engine control
AQ-SC6	Construction Particulate Matter Mitigation
BIO-6	Implementation of BRMIMP
BIO-5 CUL-5 PAL-4	WEAP training for all on-site workers (currently not approved by the CEC)

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	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-2	Noise complaint process
PAL-3	PRMMP Implementation
WASTE-2	Construction Waste Management
WASTE - 5	Construction Waste Management
WORKER SAFETY- 3	CSS monthly safety inspection report
WORKER SAFETY- 5	Proof of AED on site

10.2. Planned submittals for the next two months

A summary of the planned submittals over the next two months is included in Table 10-2. The submittals are listed in chronological order of date due to CEC.

Table 10-2 Planned Submittals for June and July 2016

COC	Description	Verification Summary	Date Due to CEC
SOIL&WATER-1	The project owner shall manage storm water 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 storm water 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.	6/7/16
NOISE-3	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.	6/10/16
WASTE-1	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.	6/17/16

APPENDIX A
CONSTRUCTION SCHEDULE

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S
Total		575	01-Sep-15 A	08-Sep-17	0	[Gantt chart showing project start on 01-Sep-15 A and completion on 08-Sep-17]																							
AES HBEP LNTP SCHEDULE (CLH) 6-10-16		575	01-Sep-15 A	08-Sep-17	0	[Gantt chart showing project start on 01-Sep-15 A and completion on 08-Sep-17]																							
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		[Gantt bar for Review Existing Agreements from 19-Jan-16 A to 20-Apr-16 A]																							
A1150	Prepare Execution Plan Draft	5	11-Apr-16 A	21-Apr-16 A		[Gantt bar for Prepare Execution Plan Draft from 11-Apr-16 A to 21-Apr-16 A]																							
A1200	Project Execution Plan Final	20	21-Apr-16 A	16-Jun-16	1	[Gantt bar for Project Execution Plan Final from 21-Apr-16 A to 16-Jun-16]																							
Development of Stakeholder Management Plan		55	01-Sep-15 A	10-Jun-16	286	[Gantt chart showing development of stakeholder management plan from 01-Sep-15 A to 10-Jun-16]																							
Indentification of Stakeholders		55	01-Sep-15 A	10-Jun-16	286	[Gantt chart showing identification of stakeholders from 01-Sep-15 A to 10-Jun-16]																							
Internal Stakeholders		1	01-Sep-15 A	18-Jan-16 A		[Gantt chart showing internal stakeholders from 01-Sep-15 A to 18-Jan-16 A]																							
A1210	AES Operations	1	01-Sep-15 A	01-Sep-15 A		AES Operations: [Gantt bar for AES Operations from 01-Sep-15 A to 01-Sep-15 A]																							
A1220	AES E&C	1	18-Jan-16 A	18-Jan-16 A		AES E&C: [Gantt bar for AES E&C from 18-Jan-16 A to 18-Jan-16 A]																							
A1230	Kiewit	1	18-Jan-16 A	18-Jan-16 A		Kiewit: [Gantt bar for Kiewit from 18-Jan-16 A to 18-Jan-16 A]																							
A1240	AGIC	1	18-Jan-16 A	18-Jan-16 A		AGIC: [Gantt bar for AGIC from 18-Jan-16 A to 18-Jan-16 A]																							
A1250	US SBU Financial	1	18-Jan-16 A	18-Jan-16 A		US SBU Financial: [Gantt bar for US SBU Financial from 18-Jan-16 A to 18-Jan-16 A]																							
A1260	US SBU Legal	1	18-Jan-16 A	18-Jan-16 A		US SBU Legal: [Gantt bar for US SBU Legal from 18-Jan-16 A to 18-Jan-16 A]																							
A1270	US SBU Safety	1	18-Jan-16 A	18-Jan-16 A		US SBU Safety: [Gantt bar for US SBU Safety from 18-Jan-16 A to 18-Jan-16 A]																							
A1280	US SBU Environmental	1	18-Jan-16 A	18-Jan-16 A		US SBU Environmental: [Gantt bar for US SBU Environmental from 18-Jan-16 A to 18-Jan-16 A]																							
A1290	Supply Chain	1	18-Jan-16 A	18-Jan-16 A		Supply Chain: [Gantt bar for Supply Chain from 18-Jan-16 A to 18-Jan-16 A]																							
A1300	US SBU Risk Management	1	18-Jan-16 A	18-Jan-16 A		US SBU Risk Management: [Gantt bar for US SBU Risk Management from 18-Jan-16 A to 18-Jan-16 A]																							
A1310	AES West BD	1	18-Jan-16 A	18-Jan-16 A		AES West BD: [Gantt bar for AES West BD from 18-Jan-16 A to 18-Jan-16 A]																							
External Stakeholder		1	10-Jun-16	10-Jun-16	286	[Gantt chart showing external stakeholder from 10-Jun-16 to 10-Jun-16]																							
Wetlands Conservancy		0			0	[Gantt chart showing wetlands conservancy from 10-Jun-16 to 10-Jun-16]																							
City of HB-1		0			0	[Gantt chart showing city of HB-1 from 10-Jun-16 to 10-Jun-16]																							
Southeast Area Neighborhood Committee		0			0	[Gantt chart showing southeast area neighborhood committee from 10-Jun-16 to 10-Jun-16]																							
CEC/CBO		0			0	[Gantt chart showing CEC/CBO from 10-Jun-16 to 10-Jun-16]																							
SCE		1	10-Jun-16	10-Jun-16	286	[Gantt chart showing SCE from 10-Jun-16 to 10-Jun-16]																							
A1320	Current Contract	1	10-Jun-16	10-Jun-16	286	Current Contract: [Gantt bar for Current Contract from 10-Jun-16 to 10-Jun-16]																							
A1330	PPA	1	10-Jun-16	10-Jun-16	286	PPA: [Gantt bar for PPA from 10-Jun-16 to 10-Jun-16]																							
A1340	Switchyard	1	10-Jun-16	10-Jun-16	286	Switchyard: [Gantt bar for Switchyard from 10-Jun-16 to 10-Jun-16]																							
A1350	Remediation	1	10-Jun-16	10-Jun-16	286	Remediation: [Gantt bar for Remediation from 10-Jun-16 to 10-Jun-16]																							
A1360	Real Estate	1	10-Jun-16	10-Jun-16	286	Real Estate: [Gantt bar for Real Estate from 10-Jun-16 to 10-Jun-16]																							
SC Gas		0			0	[Gantt chart showing SC Gas from 10-Jun-16 to 10-Jun-16]																							
SC Gas-1		0			0	[Gantt chart showing SC Gas-1 from 10-Jun-16 to 10-Jun-16]																							
Plains future owner		0			0	[Gantt chart showing plains future owner from 10-Jun-16 to 10-Jun-16]																							
SCAQMD		0			0	[Gantt chart showing SCAQMD from 10-Jun-16 to 10-Jun-16]																							
Coastal Commission		0			0	[Gantt chart showing coastal commission from 10-Jun-16 to 10-Jun-16]																							
HB Fire		0			0	[Gantt chart showing HB Fire from 10-Jun-16 to 10-Jun-16]																							
Orange County		0			0	[Gantt chart showing orange county from 10-Jun-16 to 10-Jun-16]																							
Caltrans		0			0	[Gantt chart showing caltrans from 10-Jun-16 to 10-Jun-16]																							
Interveners: Locals, CEC personnel		0			0	[Gantt chart showing interveners from 10-Jun-16 to 10-Jun-16]																							
Chamber of Commerce		0			0	[Gantt chart showing chamber of commerce from 10-Jun-16 to 10-Jun-16]																							
Huntington by the Sea		0			0	[Gantt chart showing huntington by the sea from 10-Jun-16 to 10-Jun-16]																							
Unions		0			0	[Gantt chart showing unions from 10-Jun-16 to 10-Jun-16]																							
Local elected officials		0			0	[Gantt chart showing local elected officials from 10-Jun-16 to 10-Jun-16]																							

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



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S
Asbestos and Lead Paint Surveys						30-Nov-15 A, Asbestos and Lead Paint Surveys																							
A1720	Site Field Work	7	14-Sep-15 A	22-Sep-15 A		Site Field Work																							
A1730	Development and Review of Survey Document	31	19-Oct-15 A	30-Nov-15 A		Development and Review of Survey Document																							
Soil Sampling & HRA						12-Jan-17, Soil Sampling & HRA																							
A1740	SCE Approval of Sampling Plan on Triangle Land	5	04-Jan-16 A	19-Jan-16 A		SCE Approval of Sampling Plan on Triangle Land																							
A1750	Initial Soil Sampling Work	60	11-Jan-16 A	12-Feb-16 A		Initial Soil Sampling Work																							
A1760	*DRAFT* Site Characterization Field Work and Report	40	12-Jan-16 A	22-Feb-16 A		*DRAFT* Site Characterization Field Work and Report																							
A1755	Return for Additional Soil Sample	5	09-May-16 A	13-May-16 A		Return for Additional Soil Sample																							
A1765	*FINAL* Site Characterization Field Work and Report	31	09-May-16 A	13-May-16 A		*FINAL* Site Characterization Field Work and Report																							
A2640	AES Review and Comment on Draft	5	10-Jun-16	16-Jun-16	41	AES Review and Comment on Draft																							
A1770	Prepare / Submit remediation/HRA plan to DTSC (Agent)	90	08-Jul-16	10-Nov-16	41	Prepare / Submit remediation/HRA plan to DTSC (Agent)																							
A1780	Submit WASTE-1 to CEC	45	11-Nov-16	12-Jan-17	56	Submit WASTE-1 to CEC																							
Geotechnical Analysis						07-Jul-16, Geotechnical Analysis																							
A1790	Meet with Kiewit and confirm schedule	1	27-Jan-16 A	27-Jan-16 A		Meet with Kiewit and confirm schedule																							
A1800	Complete geotechnical work plan	40	28-Jan-16 A	23-Mar-16 A		Complete geotechnical work plan																							
A1810	Conduct Site Survey / Mobilize	3	21-Mar-16 A	23-Mar-16 A		Conduct Site Survey / Mobilize																							
A1820	Geotech Field Work	15	23-Mar-16 A	01-Apr-16 A		Geotech Field Work																							
A1850	Geotech Work Plan to CBO (FOR INFORMATION ONLY)	1	25-Mar-16 A	25-Mar-16 A		Geotech Work Plan to CBO (FOR INFORMATION ONLY)																							
A1830	Complete geotech report	30	04-Apr-16 A	17-Jun-16	48	Complete geotech report																							
A1840	Verification of HHRA to Geotech Requirements for Pile	7	29-Jun-16	07-Jul-16	41	Verification of HHRA to Geotech Requirements for Pile																							
NPDES Requirements						17-Jun-16, NPDES Requirements																							
A1860	Development of Construction SWPPP	25	07-Apr-16 A	28-Apr-16 A		Development of Construction SWPPP																							
A1870	SOIL&WATER- 1: SWPPP to CBO (FOR REVIEW AND)	11	29-Apr-16 A	17-Jun-16	-1	SOIL&WATER- 1: SWPPP to CBO (FOR REVIEW AND)																							
A1880	Submit SOIL&WATER-1 to CEC	20	29-Apr-16 A	06-Jun-16 A		Submit SOIL&WATER-1 to CEC																							
A1885	Approve Soil & Water and SWPPP	15	06-Jun-16 A	17-Jun-16	-1	Approve Soil & Water and SWPPP																							
Temporary Utilities - Trailers						01-Jul-16, Temporary Utilities - Trailers																							
A1890	ID Locations	15	20-Apr-16 A	10-May-16 A	79	ID Locations																							
Service Agreements						01-Jul-16, Service Agreements																							
A1900	SCE 220V/480V Supply	20	11-May-16 A	01-Jul-16	79	SCE 220V/480V Supply																							
A1910	Internet	20	11-May-16 A	23-Jun-16	85	Internet																							
A1920	Phones	20	11-May-16 A	01-Jul-16	79	Phones																							
A1930	Water	20	11-May-16 A	30-Jun-16	80	Water																							
A1940	Sewage	20	11-May-16 A	08-Jun-16 A		Sewage																							
Asbestos and Lead Paint Abatement Admin Work						14-Apr-16 A, Asbestos and Lead Paint Abatement Admin Work																							
A1950	Develop Abatement Technical Specs	5	01-Feb-16 A	05-Feb-16 A		Develop Abatement Technical Specs																							
A1960	Lead and Asbestos Abatement Plan to CBO (FOR INFORMATION ONLY)	2	08-Feb-16 A	09-Feb-16 A		Lead and Asbestos Abatement Plan to CBO (FOR INFORMATION ONLY)																							
A1970	Bid and Award Asbestos and LP Abatement Contractor	8	14-Mar-16 A	23-Mar-16 A		Bid and Award Asbestos and LP Abatement Contractor																							
A1980	Submit WASTE-2 form to AQMD and CEC	10	31-Mar-16 A	14-Apr-16 A		Submit WASTE-2 form to AQMD and CEC																							
A1990	Complete SCAQMD Notification form - Rule 1403	10	31-Mar-16 A	14-Apr-16 A		Complete SCAQMD Notification form - Rule 1403																							
Clean and Cap AES and Plains Abandoned Oil Lines and Appurtenances						14-Jul-16, Clean and Cap AES and Plains Abandoned																							
A2000	Develop Specification for Work	10	16-Nov-15 A	06-May-16 A	76	Develop Specification for Work																							
A2010	Bid and Award Contract - Procurement	10	29-Apr-16 A	16-Jun-16	76	Bid and Award Contract - Procurement																							
A2020	Pig and Cap Oil Lines	20	17-Jun-16	14-Jul-16	76	Pig and Cap Oil Lines																							
A2030	Development of Summary Report	5	01-Jul-16	07-Jul-16	81	Development of Summary Report																							

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



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S
Field Lead and Asbestos Abatement Work						11-Jul-16, Field Lead and Asbestos Abatement Work																							
Peaker Building, Fuel Tanks						23-Jun-16, Peaker Building, Fuel Tanks																							
A2040	Field Mobilization	3	02-May-16 A	11-May-16 A	88	Field Mobilization																							
A2050	Field Abatement Work	20	12-May-16 A	23-Jun-16	88	Field Abatement Work																							
AES and Plain Abandoned Oil Lines and Appurtenances						11-Jul-16, AES and Plain Abandoned Oil Lines and Appurtenances																							
A2060	Field Abatement Work	15	16-Jun-16	06-Jul-16	87	Field Abatement Work																							
A2070	Notify AQMD/CEC of Abatement Completion	3	07-Jul-16	11-Jul-16	265	Notify AQMD/CEC of Abatement Completion																							
LNTP (Prep & Execution)						03-Aug-17, LNTP																							
A2080	CEC Issuance of LNTP	0	17-Jun-16*		-1	CEC Issuance of LNTP, 17-Jun-16*																							
A2090	LNTP Scope Completion	0		03-Aug-17*	-13	LNTP Scope Completion																							
Office Trailers						11-Jul-16, Office Trailers																							
A2110	AES Trailer	6	16-Jun-16	24-Jun-16	91	AES Trailer																							
A2100	CBO Trailer Established	6	04-Jul-16	11-Jul-16	79	CBO Trailer Established																							
Construction Fencing						16-Jun-16, Construction Fencing																							
A2120	Submit VIS-3 to CEC (LNTP)	60	21-Mar-16 A	16-Jun-16	1	Submit VIS-3 to CEC (LNTP)																							
A2150	Install 8' Fence Screening Material	5	03-May-16 A	13-May-16 A		Install 8' Fence Screening Material																							
Demolition						02-Feb-17, Demolition																							
Demolition - Administrative Work						08-Sep-16, Demolition - Administrative Work																							
A2160	Complete Demolition Specification	30	20-Apr-16 A	06-Jun-16 A		Complete Demolition Specification																							
A2170	Demolition Specification to CBO (FOR REVIEW AND C	20	01-Jun-16 A	23-Jun-16	71	Demolition Specification to CBO (FOR REVIEW AND C																							
A2180	Procure Demo Contractor	35	10-Jun-16	28-Jul-16	36	Procure Demo Contractor																							
A2190	Demo Contractor Develop/Submit Field Work Plan	10	29-Jul-16	11-Aug-16	36	Demo Contractor Develop/Submit Field Work Plan																							
A2200	Full Demolition Pkg to CBO (FOR REVIEW AND COMM	20	12-Aug-16	08-Sep-16	36	Full Demolition Pkg to CBO (FOR REVIEW AND COMM																							
Demo AES and Plains Abandoned Oil Lines						02-Feb-17, Demo AES and Plains Abandoned Oil Lines																							
A2310	Verification of Reused Assets and Interconnects	10	10-Jun-16	23-Jun-16	126	Verification of Reused Assets and Interconnects																							
A2210	Coordination with Wetlands Stakeholders	3	24-Jun-16	28-Jun-16	88	Coordination with Wetlands Stakeholders																							
A2220	Mobilize Demo Crew & Equipment	5	09-Sep-16	15-Sep-16	36	Mobilize Demo Crew & Equipment																							
A2230	Demo Abandoned Oil Lines	30	16-Sep-16	27-Oct-16	36	Demo Abandoned Oil Lines																							
A2250	Demo Peaker 66kV Line	20	16-Sep-16	13-Oct-16	141	Demo Peaker 66kV Line																							
A2260	Clean FO and Peaker Fuel Tank Interior	15	16-Sep-16	06-Oct-16	51	Clean FO and Peaker Fuel Tank Interior																							
A2240	Demo Peaker Building, Peaker Aux Building & Fuel Skid	40	28-Oct-16	22-Dec-16	36	Demo Peaker Building, Peaker Aux Building & Fuel Skid																							
A2270	Demo Peaker Fuel and FO Tank For Sampling	10	28-Oct-16	10-Nov-16	36	Demo Peaker Fuel and FO Tank For Sampling																							
A2300	Maintenance & Storage Building Demolition	5	28-Oct-16	03-Nov-16	126	Maintenance & Storage Building Demolition																							
A2280	Soil Sampling Tanker	5	11-Nov-16	17-Nov-16	36	Soil Sampling Tanker																							
A2290	Demo Peaker Fuel and FO Tank Complete	55	18-Nov-16	02-Feb-17	117	Demo Peaker Fuel and FO Tank Complete																							
Soil Remediation						26-May-17, Soil Remediation																							
A2320	Develop Work Plan for DTSC	60	18-Nov-16	09-Feb-17	36	Develop Work Plan for DTSC																							
A2330	Contract with Soil Remediation	20	10-Feb-17	09-Mar-17	36	Contract with Soil Remediation																							
A2340	Site Remediation	30	10-Mar-17	20-Apr-17	36	Site Remediation																							
A2350	Prepare / Submit Remedial Conformation Report to DTS	15	21-Apr-17	11-May-17	36	Prepare / Submit Remedial Conformation Report to DTS																							
A2360	DTSC review and approval	10	12-May-17	25-May-17	36	DTSC review and approval																							
A2370	Remedial Action Plan/HHRA to CBO (FOR INFORMATI	1	26-May-17	26-May-17	36	Remedial Action Plan/HHRA to CBO (FOR INFORMATI																							
Excavate Containment Berms						25-May-17, Excavate Containment Berms																							
A2392	Develop Specification for Work	10	10-Jun-16	23-Jun-16	247	Develop Specification for Work																							

**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 14, 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	Jun 17, 2016
Clean and Cap Fuel Oil Lines	Jul 17, 2016
Office Trailers (CBO and AES)	Jul 5, 2016
Mobilizations for Demo	Sept 9, 2016
Demo Oil Lines and 66KV	Sept 16, 2016
Demo Fuel Oil Tank	Oct 16, 2016
Demo Peaker Building	Oct 28, 2016
Demo Fuel oil Tank Final	Nov 18, 2016
Excavation of Containment Berms	Apr 21, 2017
Site Remediation (If required)	Mar 10, 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 (AQCMM)	The project owner shall designate and retain an on-site AQCMM 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 AQCMM may delegate responsibilities to one or more AQCMM delegates. The AQCMM and AQCMM 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 AQCMM and AQCMM delegates may have other responsibilities in addition to those described in this condition. The AQCMM 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 AQCMM and all AQCMM delegates. The AQCMM 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.		10/8/2016	3/15/2016	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

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....				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
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		CEC Review

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

CUL-2	Information to be Provided to CRS	<p>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.</p> <p>Maps shall include any NRHP/CRHR-eligible historic built environment resources identified in the FSA.</p>	<p>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.</p> <p>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.</p> <p>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.</p>		9/18/2015		CEC Review
CUL-3	Cultural Resources Mitigation and Monitoring Plan (CRMMP)	<p>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.</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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).</p>		3/9/2016		CEC Review
CUL-5	Cultural Resources Worker Environmental Awareness Program (WEAP)	<p>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.</p>	<p>The training shall include:</p> <ol style="list-style-type: none"> 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		CEC Review

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

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		CEC 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		CEC Review
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 Review
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		CEC Review

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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			
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
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.	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. 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.		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.	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. 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.		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	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. 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. 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.		3/9/2016	10/6/2015	Approved

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

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>	<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.</p>		10/2/2015	4/4/2016	Approved
SOIL&WATER-1	NPDES Construction Permit Requirements	<p>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.</p>	<p>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.</p>	6/7/2016	6/7/2016		CEC Review
SOIL&WATER-2	Hydrostatic Water Discharge Permit Requirements	<p>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.</p>	<p>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.</p>	TBD if necessary			
VIS-3	Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan - Project Demolition, Construction, and Commissioning	<p>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.</p>	<p>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.</p>		4/1/16, 4/27/16	5/3/2016	Approved
WASTE-1	Waste Management	<p>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.</p>	<p>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.</p>	6/24/2016			

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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
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.	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. 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.		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: 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

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<p>WORKER SAFETY 5</p>	<p>Automatic External Defibrillator</p>	<p>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.</p>	<p>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.</p>		<p>9/18/2015</p>	<p>10/6/2015</p>	<p>Approved</p>
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APPENDIX D
CBO DOCUMENTATION

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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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
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.				
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					6/17/2016		
		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 (CBCS), 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 CBCS 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				

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
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.				
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.				
		Letter of Acknowledgement					6/10/2016		
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		

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✓	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					6/17/2016		
			Monthly Non-Compliance Report					6/17/2016		
	STRUC-01	DEMO		Prior to the start of any increment of construction, the project owner shall submit plans, calculations and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. The project owner shall: 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 reflect the inclusion of approved criteria, assumptions, and methods used to develop the design. The final designs, plans, calculations, and specifications shall be signed and stamped by the responsible design engineer. 5. Submit to the CBO the responsible design engineer's signed statement that the final design plans conform to applicable LORS.	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					6/17/2016		
			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		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.	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		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.	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

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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							
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 Fire Department, and DTSC review within 30 days after contamination is identified. Comments received within 30 days from all parties will be incorporated and provided to DTSC for approval.	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.				

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			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.				
			Site-Specific Health and Safety Plan - Lead/Asbestos Abatement							Completed
			Site-Specific Health and Safety Plan - Pipeline Cleaning					6/24/2016		
			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 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

Critical

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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 Chapter 17.56 - Huntington Beach Fire Code, and the Huntington Beach Fire Department City Specifications.	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).					

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

Name 1	Posting Date	Document Date	Payment Method	Discount base	Baseline Paymen	Net due date	Clearing date	Debit/credit amount	Reference	Text
NV5 INC	11/20/2015	11/10/2015		-61,545.23	11/10/2015	12/25/2015	12/21/2015	(61,545.23)	38090	NV5 CBO Agreement For HBES
NV5 INC	12/14/2015	12/10/2015		-19,100.07	12/10/2015	1/24/2016	1/19/2016	(19,100.07)	39373	NV5 CBO Agreement For HBES
NV5 INC	12/21/2015	12/21/2015	C	0.00	12/21/2015	12/21/2015	12/21/2015	61,545.23		
NV5 INC	1/19/2016	1/19/2016	C	0.00	1/19/2016	1/19/2016	1/19/2016	19,100.07		
NV5 INC	3/9/2016	1/15/2016		-5,160.30	1/15/2016	2/29/2016	3/14/2016	(5,160.30)	40668	NV5 CBO Agreement For HBES
NV5 INC	3/10/2016	2/12/2016		-7,239.61	2/12/2016	3/28/2016	3/21/2016	(7,239.61)	41755	NV5 CBO Agreement For HBES
NV5 INC	3/14/2016	3/14/2016	C	0.00	3/14/2016	3/14/2016	3/14/2016	5,160.30		
NV5 INC	3/21/2016	3/21/2016	C	0.00	3/21/2016	3/21/2016	3/21/2016	7,239.61		
NV5 INC	3/28/2016	3/9/2016		-8,005.92	3/9/2016	4/23/2016	4/18/2016	(8,005.92)	42670	NV5 CBO Agreement For HBES
NV5 INC	4/18/2016	4/18/2016	C	0.00	4/18/2016	4/18/2016	4/18/2016	8,005.92		
NV5 INC	5/13/2016	4/18/2016		-52,536.24	4/18/2016	6/2/2016	5/23/2016	(52,536.24)	44044	NV5 CBO Agreement For HBES
NV5 INC	5/17/2016	5/11/2016		-56,551.37	5/11/2016	6/25/2016		(56,551.37)	45192	NV5 CBO Agreement For HBES
NV5 INC	5/23/2016	5/23/2016	C	0.00	5/23/2016	5/23/2016	5/23/2016	52,536.24		

**APPENDIX E
WORKER ENVIROMENTAL AWARENESS
PROGRAM**

Huntington Beach Energy Project: Environmental Training Sign-in Sheet

Trainer: MEUSSA TOWER / CH2M BS

Name	Company	Email or Phone	Signature	Date
Oscar Gutierrez	ARGUS			5-11-16
Marcos Maldonado	ARGUS			5-11-16
Cristobal Marcos	Argus			
Jorge L Sanchez	ARGUS			5-11-16
Ricardo Ruiz	Argus			5-11-16
Adrian Hernandez	ARGUS			5-11-16
Adolfo Luna Alvarez	ARGUS			5-11-16
Roy Hernandez	Argus	RHernandez@ArgusContracting.com		5-11-16
Jose Magallon	ARGUS			5-11-16
Victor Lopez	Safway			5-11-16
TOM PEDCE	NVE	PE TOM.PEDCE@NVS.COM		5-11-16
Manuel LOPEZ	Safway			5-11-16
Billy Lindaverde	SAFWAY			5-11-16
Miguel Lopez	SAFWAY			5-11-16
ES PENEWELL	AES/BUTIER			5/11/16
JACOB FINAU	SAFWAY			5/11/16
ANDRES SALVAREZ	SAFWAY			5/11/16
Alex Navarro	Safway			5/11/16
Pedro Rodriguez	Ninyo & Moore	prodriguez@ninyoandmoore.com		5/11/16
Eugene SuLyma	Ninyo & Moore	esulyma@ninyoandmoore.com		5/11/16

AES Huntington Beach Energy Project

WEAP Orientation

Personnel Trained YTD	31	Personnel Trained in May	31
CONTRACTOR NAME	Current	Original Date	Vendor Name
Ugland, Joe	5/23/2016	5/23/2016	Argus Contrating
Veerkamp, Eric	5/19/2016	5/19/2016	CEC
Griffithe, Kenneth	5/19/2016	5/19/2016	NV5
Wedmen, Kevin J.	5/18/2016	5/18/2016	NV5
Amador, Jose	5/16/2016	5/16/2016	Argus Contracting
Tornez, Jorge	5/16/2016	5/16/2016	Argus Contracting

APPENDIX F
WORKER SAFETY

Huntington Beach Energy Project: Environmental Training Sign-in Sheet

Trainer: MEUSSA TOWER / CH2M BS

Name	Company	Email or Phone	Signature	Date
Oscar Gutierrez	ARGUS			5-11-16
Marcos Maldonado	ARGUS			5-11-16
Cristobal Marcos	Argus			
Jorge L Sanchez	ARGUS			5-11-16
Ricardo Ruiz	Argus			5-11-16
Adrian Hernandez	ARGUS			5-11-16
Adolfo Luna Alvarez	ARGUS			5-11-16
Roy Hernandez	Argus	RHernandez@ArgusContracting.com		5-11-16
Jose Magallon	ARGUS			5-11-16
Victor Lopez	Safway			5-11-16
TOM PEDCE	NVE	TPEDCE TOM.PEDCE@NVS.COM		5-11-16
Manuel LOPEZ	Safway			5-11-16
Billy Lindaverde	SAFWAY			5-11-16
Miguel Lopez	SAFWAY			5-11-16
ES PENEWELL	AES/BUTIER			5/11/16
JACOB FINAU	SAFWAY			5/11/16
ANDRES SALVAREZ	SAFWAY			5/11/16
Alex Navarro	Safway			5/11/16
Pedro Rodriguez	Ninyo & Moore	prodriguez@ninyoandmoore.com		5/11/16
Eugene SuLyma	Ninyo & Moore	esulyma@ninyoandmoore.com		5/11/16

AES Huntington Beach Energy Project

Contractor Safety Orientation

Personnel Trained YTD	31	Personnel Trained in May	31
Contractor Name	Current	Original Date	Vendor Name
Ugland, Joe	5/23/2016	5/23/2016	Argus Contrating
Veerkamp, Eric	5/19/2016	5/19/2016	CEC
Griffithe, Kenneth	5/19/2016	5/19/2016	NV5
Wedmen, Kevin J.	5/18/2016	5/18/2016	NV5
Amador, Jose	5/16/2016	5/16/2016	Argus Contracting
Tornez, Jorge	5/16/2016	5/16/2016	Argus Contracting

Worker Safety - 5

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

Updated: June 10, 2016

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



AED Located in Unit 1 and 2 Control Room

Worker Safety - 5



Maintenance Building



Unit 3 and 4 Control Room

**APPENDIX G
BIOLOGICAL RESOURCES MONTHLY
SUMMARY REPORT**

EHS - All Observations

Owners Scope

Project Number: SLOS-HB 6/6/2016

Record No.	Category	Title	Creator Company	Creator	Observation Class	Priority	Status	Creation Date	End Date	Observation	Action Taken	Days taken to Close
SO-0001	Environmental	Wildlife Observation 5/24/15	AES	Sene Viola	Positive Observation	Critical	Open	5/25/2016		Berm adjacent to City of HB tank farm , nest observed on top of berm. Possible danger to traffic	Nest was not disturbed and a 25 foot barricade has been created to protect it	0
SO-0008	Environmental	Wildlife Observation 5-26-16	AES	Joshua Wynia	Positive Observation	Critical	Closed	5/30/2016	5/30/2016	Found dead bird behind the peaker building	The bird had been dead for sometime and only the skeleton remaining- remains disposed of.	0

Count: 2

**APPENDIX H
CULTURAL RESOURCES MONTHLY SUMMARY
REPORT**

**APPENDIX I
PALEONTOLOGICAL RESOURCES MONTHLY
SUMMARY REPORT**

APPENDIX J
AIR QUALITY



Ultra-Silent 25

Model DCA-25US12

20 kW (25 kVA) Prime Rating
22 kW (27.5 kVA) Standby Rating
60 Hertz

Generator Specifications

Standby Output	22 kW (27.5 kVA)
Prime Output	20 kW (25 kVA)
Voltage – 3 phase	208-240 / 416-480 Switchable
Voltage – 1 phase	120 / 240 Switchable
Voltage Regulation	± 0.5% (no load to full load)
Power Factor	0.8 (3ph) or 1.0 (1ph)
Frequency	60 Hz
Frequency Regulation	3~5% no load to full load
Sound Level	59 dB(A) - Full load at 23 feet

Amperage

Rated Voltage	Maximum Amps
208 - 240 Volt (3ph)	60 Amps *
416 - 480 Volt (3ph)	30 Amps *
240 / 120 Volt (1ph)	60 Amps *
Main Line Circuit Breaker	60 Amps
Over Current Relay Trip	30 Amps (protects all settings)

* Voltage and phase are selected by a lockable, 3-position, rotary switch.

Engine Specifications

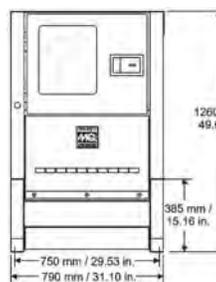
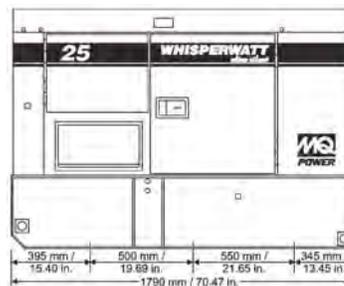
Engine Make / Model	Isuzu / BV-4LE2
Emissions	EPA Interim Tier 4
Design – 4 cycle	4 cylinder, water cooled, turbocharged
Displacement	2.179 L
Bore x Stroke (mm)	85 x 96
Gross Engine Output	34.3 hp (25.5 kW)
Engine Speed	1800 rpm
Oil capacity	2.25 gallons (8.5 liters)
Battery	12V 53 Ah x 1

Fuel System

Fuel Tank Capacity	41.7 gallons (158 liters)
Fuel Consumption	
At full load gph (lph)	1.66 (6.3)
At 3/4 load gph (lph)	1.21 (4.6)
At 1/2 load gph (lph)	0.85 (3.2)
At 1/4 load gph (lph)	0.58 (2.2)

Standard Features

- **Heavy duty, 4-cycle, direct injection diesel engine** provides maximum reliability.
- **Brushless alternator** reduces service and maintenance requirements and meets temperature rise standards for Class F insulation systems.
- **Open delta alternator design** provides virtually unlimited excitation for maximum motor starting capability.
- **Automatic voltage regulator (AVR)** provides precise regulation.
- **Automatic safety shutdown system** monitors the engine oil pressure and water temperature. Warning lights indicate abnormal conditions.
- **Complete generator analog instrumentation** includes voltage regulator control, ammeter phase selector switch, voltmeter phase selector switch, AC voltmeter, AC ammeter, frequency meter, panel light, and circuit breaker.
- **Complete power panel.** Fully covered; three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. All are NEMA standard.
- **Voltage selector switch** allows easy to change voltages as your applications require.



Dry Weight = 1808 lbs.



Fuel Log

Asbestos and Lead Abatement Work scope

May-16

Date	Gallons	Fuel Type	Supplier
Friday, May 13, 2016	7	Diesel	Argus
Thursday, May 19, 2016	15	Diesel	Argus
Monday, May 23, 2016	15	Diesel	Argus
Thursday, May 26, 2016	10	Diesel	Argus

May Fuel Receipts

4632253

G&M OIL #124
 00301683
 17472 BEACH BL
 HUNTINGTON BEACH, CA
 05/26/2016 792620996
 07:59:18 AM

XXXXXXXXXXXXXXXXX8522
 WEX FLEET
 INVOICE E/8382545
 AUTH 218039

PUMP# 13
 REG DSL #2 14.9996
 PRICE/GAL \$2.799

FUEL TOTAL \$ 41.98

CREDIT \$ 41.98

00 5208

Save up to 8 cents
 per gal with the

Generator

4632253

WELCOME TO

DATE 05/23/16 09:52
 TRF# 9081247

SERV. LEVEL SELF
 PRODUCT DIESEL
 GALLONS 20.110
 PRICE/GAL \$ 3.299
 FUEL SALE \$ 70.36
 CREDIT \$70.36

Knight
 XXXXXXXX 8522
 Auth # 21
 Resp Code: 0
 Stan: 0352922757
 Odometer: 5000
 Veh #: 07081
 Invoice #: 320150
 Shift: 1

4632253

WELCOME TO

DATE 05/13/16 10:16
 TRAN# 9080849
 PUMP# 08
 SERVICE LEVEL SELF
 PRODUCT DIESEL
 GALLONS 20.103
 PRICE/GAL \$ 3.299
 FUEL SALE \$ 66.32
 CREDIT \$66.32

Visa
 XXXXXXXXXXXX6766
 Auth #: 097969
 Resp Code: 0
 Stan: 0342898273
 Invoice #: 320195
 Shift #: 1

Store # 00000000976
 4564
 SITE ID: FE061320490
 01

THANK YOU
 HAVE A NICE DAY

Generator

APPENDIX K
FILINGS/PERMITS

ACTIVITY NOTIFICATION FORM
FOR HOLDERS OF ANNUAL PERMITS

Buildings/Structures, Scaffolding/Falsework, Demolition, Trenches/Excavations

THIS FORM SHALL BE FAXED TO THE NEAREST DOSH OFFICE TO COMPLY WITH THE 8 CCR 341.1(h).
PLEASE DO NOT MAIL DUPLICATE NOTIFICATION AS A FOLLOW-UP TO FAX NOTIFICATION.

FAX DATA: FAXED TO SANTA ANA / ANAHEIM OFFICE DOSH DISTRICT OFFICE ON 5/11/2016
DOSH FAX NO. (714) 558-2035 BY MOLINA, KELVIN
Company Name: SAFWAY SERVICES Field Phone: (310) 532-6390 / (626) 482-1244
Annual Permit Number: 2016-916432 Office Phone: (310) 532-6690
Issuing Region: 1 Issuing District: 5
Specific Activity Location: 21730 NEWLAND ST Number of Employees: 8
Nearest Major Cross Street: PCH Starting Date: 5/11/2016
City: HUNTINGTON BEACH Anticipated Completion Date: 5/11/2017
County: LOS ANGELES High Voltage Lines In Proximity? No Yes

INSTRUCTIONS: The appropriate item(s) must be completed and signed by a person knowledgeable about the project for each activity covered by a permit. Please fill in or check off the blanks where appropriate.

Construction: Building _____ Structure _____ Type: Steel Frame _____ Tiered _____ Concrete _____ Till-up _____
Wood Frame _____ Curtain Wall _____ Precast _____ Slip Form _____ Depth _____ Height _____
Description: _____

Scaffolding: Height 40' Metal _____ Wood _____ Wood over 60 Feet _____ Metal over 125 Feet _____

Metal >125 Feet or Wood >60 Feet requires design by California Registered Civil Engineer & Plans at Site. (See 8 CCR 1644(c) (7))

Description: SAFWAY SERVICES LLC, WILL ERECT A 3x600x40' HIGH SECTIONAL SCAFFOLD AT EXTERIOR OF TANK.

Falsework/Vertical Shoring: Maximum Height _____ Maximum Span _____ Material _____
Description: _____

(See 8 CCR 1717)

Demolition of: Building _____ Structure _____ Height _____ No. of Stories _____ Type: Steel Frame _____
Wood Frame _____ Concrete _____ Demolition Ball _____ Clam _____ Explosives _____
Loader/Tractors _____ Other _____

Trenches/Excavations: Depth Range (Min/Max) _____ Width Range (Min/Max) _____ Total Length _____

Ground Protection Method: Shoring _____ Sloping _____ Trench Shield _____ Professional Engineer _____

Underground Services Alert (USA) Number _____ (NORTH 1-800-642-2444/SOUTH 1-800-422-4133)

Soil Analysis to be done? Yes _____ No _____ If No, You Must Slope 1.5 to 1.

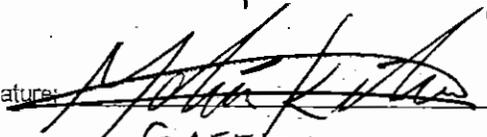
Competent Person: The holder of an Annual Permit who is notifying the District of the commencement of a Trench and/or Excavation project shall designate a competent person in accordance with the requirements of 8 CCR Section 1504, 1541, and 1541.1.

Description: _____

* Ground protection methods for excavations deeper than 20 feet must be designed by a Registered Professional Engineer. See 8 CCR 1541.1, Appendix F.

I hereby certify that to the best of my knowledge the above information and assertions are true and correct and that I/the applicant, have knowledge of and will comply with the foregoing.

Name: MOLINA, KELVIN
(Please Type or Print)

Signature: 

Title: SAFETY

Date: 5/11/2016

Argus Contracting, LP

02094522

DETACH STATEMENT BEFORE DEPOSITING

INVOICE NUMBER	DATE	DESCRIPTION	GROSS AMOUNT	DEDUCTIONS	AMOUNT PAID
		Renovation/Procedure 5 Notification Project: #4632253 Jobsite: AES Huntington Beach	\$1,301.42		
		Renovation/Emergency Notification Project: #4632151 Jobsite: Held Properties	\$115.96		

Argus Contracting, LP
 11807 E Smith Ave.
 Santa Fe Springs, CA. 90670



02094522

11-24
1210(B)

CHECK NO.

DATE	AMOUNT
04/14/16	\$1,417.38 ****

VOID IF NOT CASHED IN 60 DAYS

PAY ONE THOUSAND FOUR HUNDRED SEVENTEEN & 38/100 DOLLARS

TO THE ORDER OF: SCAQMD
 ASBESTOS NOTIFICATIONS
 P.O. BOX 55641
 LOS ANGELES, CA. 90074-5641

Argus Contracting, LP
 GENERAL ACCOUNT

AUTHORIZED SIGNATURE

⑈02094522⑈ ⑆121000248⑆4121842025⑈



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 checked="" type="checkbox"/>	1 CANCELLATION <input type="checkbox"/>	1 REVISION AMOUNT <input type="checkbox"/>	1 REVISION DATES <input type="checkbox"/>	1 REVISION OTHER <input type="checkbox"/>				

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

CSLB License 934189 Cal. OSHA REG 00961 AQMD ID 133181 CHECK _____ FEE \$ 1,301.42 DATE 04/14/2016 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, Compressor Building, Small Fuel Oil Pump Station, Fuel Oil AST, Fuel Oil Tank

Removal Project Start Date 04/28/2016 Removal Project End Date 05/18/2016 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 <u>35380</u>	CLASS II _____	² TOTAL AMOUNT <u>35380.00</u>				
Amount of Each Type of Asbestos in sq ft	ACOUSTIC CEILING _____	LINOLEUM _____	INSULATION _____	FIRE PROOFING _____	DUCTING _____	STUCCO _____	MASTIC <u>1622.00</u>	FLOOR TILES (VAT) <u>950.00</u>
	DRYWALL _____	PLASTER _____	TRANSITE <u>32575.00</u>	ROOFING _____	OTHER <u>233.00</u>	PLEASE DESCRIBE OTHER TYPE OF ASBESTOS: <u>Putty, Fibrous Coating, Duct Tape, Gaskets</u>		
Asbestos Removal From	SURFACES <input checked="" type="checkbox"/>	PIPES <input type="checkbox"/>	COMPONENTS <input checked="" type="checkbox"/>					

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 _____
 Phone _____

AQMD USE ONLY: SCREENED BY	RECEIVED	POSTMARKED	ENTERED BY	NOTIFICATION #
----------------------------	----------	------------	------------	----------------

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:

All Others-Mail Form and Fee To:

SCAQMD
 PO Box 55641
 Los Angeles, CA 90074-5641

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

Rule 1403 Form Notification of Demolition or Asbestos Removal

Demolition Information: All asbestos containing materials must be removed *prior* to any demolition activity

Asbestos Removal Company Name _____ Date of Asbestos Removal _____

Check work practices to prevent, suppress and contain dust, and dust controls to be use at the demolition site

SPRAY WATER EXIT GRATES TARP TRUCKS/BINS FENCE SCREENS STONE TRUCK PADS TIRE WASHING SOIL STABILIZERS OTHER _____

Contingency Demolition Plan: Check actions to be followed if unexpected asbestos is found during demolition or asbestos material becomes disturbed, crumbled, pulverized or reduced to powder. Disturbed/Damaged ACM requires a Procedure 5 Plan Approval prior to clean-up (See Procedure 5 Guidelines)

STOP WORK NOTIFY OWNER SECURE STABILIZE POST SIGNS ISOLATE WORK AREA SURVEY CHARACTERIZE WASTE OTHER _____

Ordered Demolition: Attach a copy of the agency order

Agency Name _____ Phone _____ Date of Order _____
 Authorizing Person _____ Title _____ Date Ordered to Begin _____

Waste Information

WASTE TRANSPORTER #1 ECTI _____ WASTE STORAGE SITE _____
 Address 953 Reece Street _____ Address _____
 City San Bernardino State CA Zip 92411 _____ City _____ State _____ Zip _____
 WASTE TRANSPORTER #2 _____ LANDFILL La Paz County Regional Landfill
 Address _____ Address 26999 Hwy 95, Milepost 128 _____
 City _____ State _____ Zip _____ City Parker State AZ Zip 85344 _____

Contractor Certification: All contractors or owner/operator submitting this notification must sign this form

I certify that an individual trained in the provisions of regulations AQMD Rule 1403 and the Asbestos NESHAP Title 40 CFR Part 61 Subpart M will be on site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. I hereby certify that all of the information contained herein and information submitted with this notification is true and correct.

Company Name Argus Contracting, LP Title of Owner/Operator Project Manager
 Print Name of Owner/Operator Kara Rodriguez Signature of Owner/Operator _____ Date 04/19/2016

Notification Fee: No notifications shall be considered received pursuant to Rule 1403, unless it is accompanied by the required payment (Rule 301, Table VI). Please make check payable to "SCAQMD". Fees are per notification and vary according to the ²TOTAL AMOUNT of asbestos removed or the demolition ²BUILDING SIZE. The Revision Amount fee is the difference between the new Project Size Fee category and the original Project Size Fee category (See Fee Information)

Project Size Fee: \$ 650.71	Fee Based on Project Size (sq ft)		Additional Fees	
Additional Fee: \$ 650.71	1,000 or less _____	\$ 57.98 <input type="checkbox"/>	Special Handling Fee _____	\$ 57.98 <input type="checkbox"/>
Total Fee Due: \$ 1,301.42	1,001 to 5,000 _____	\$ 177.28 <input type="checkbox"/>	Revision to Notification _____	\$ 57.98 <input type="checkbox"/>
	5,001 to 10,000 _____	\$ 414.99 <input type="checkbox"/>	Returned Check Fee _____	\$ 25.00 <input type="checkbox"/>
	10,001 to 50,000 _____	\$ 650.71 <input checked="" type="checkbox"/>	Planned Renovation _____	\$ 650.71 <input type="checkbox"/>
	50,001 to 100,000 _____	\$ 943.05 <input type="checkbox"/>	Procedure 4 or 5 Plan _____	\$ 650.71 <input checked="" type="checkbox"/>
	100,001 or more _____	\$ 1,571.74 <input type="checkbox"/>	Expedited 4 or 5 Plan _____	\$ 325.35 <input type="checkbox"/>

Attention

Keep Three (3) Copies of This Notification Form for your records, to post at the worksite, and to obtain a city demolition permit. See California Health and Safety Code 19827.5 that requires that you provide a copy of the demolition notification to Building and Safety before issuance of a demolition permit. For questions call 909-396-2336. Forms, instructions and Rule 1403 can be obtained from the AQMD website at <http://www.aqmd.gov>. Please mail this signed original notification form, fee, and any attachments to: For USPS: SCAQMD, PO Box 55641, Los Angeles, CA 90074-5641; For ALL OTHER: Bank of America Lockbox Services, Lockbox # 55641, 2706 Media Center Drive, Los Angeles, CA 90065. Mailing saves time, money and reduces traffic and air pollution.

Project # 4632253

April 13, 2016
Project No. 209519002

Ms. Cynthia Lozano
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, California 91765

Subject: Procedure 5 Plan
AES HUNTINGTON BEACH LLC
21730 Newland Street
Huntington Beach, California 92646

Dear Ms. Lozano:

On behalf of the AES US Services (AES), Ninyo & Moore has prepared this Procedure 5 (P5) Plan for asbestos abatement activities of the transite wall panels associated with the fuel oil above ground storage tank (AST) at 21730 Newland Street in Huntington Beach, California (site; Figure 1). This plan has been prepared by a California Division of Occupational Safety and Health (Cal-OSHA) Certified Asbestos Consultant (CAC). Current certification documentation is presented as Attachment A.

AES has retained the services of a licensed asbestos abatement contractor to complete the abatement activities.

The scope of work for the project involves the abatement and disposal of approximately 31,500 square feet of asbestos containing transite panels from the exterior walls of the large fuel oil AST. In addition, the ground surface area around the perimeter of the fuel oil AST will require cleaning activities as pieces of transite were observed to be damaged and present. Removal and clean-up activities will be performed in accordance with the South Coast Air Quality Management District (SCAQMD) Guidelines for Asbestos Site Clean-Up Rule 1403 Procedure 5 Plans.

BACKGROUND

The large fuel oil AST is a 50-foot tall metal structure with fiberglass insulation and transite panels along its exterior walls, and also includes a vinyl floating roof. The AST is planned for demolition activities. Ninyo & Moore has completed an asbestos survey of the AST and the sampling activities are summarized in the report titled, "Hazardous Building Material Survey Report, AES HUNTINGTON BEACH LLC, 21730 Newland Street, Huntington Beach, California", dated October 13, 2015 (HBMS report). The HBMS report is included in Attachment B.

SCOPE OF WORK

The scope of work for this P5 Plan is to remove the asbestos containing transite panels noted below in Table 1 from the fuel oil AST and ground surface locations. Assumed asbestos containing gaskets are also present on the AST and will be removed. The location of the fuel oil AST within the site is presented in Figure 2. General photographic documentation is provided in the HBMS report included as Attachment B.

SUMMARY OF ASBESTOS-CONTAINING MATERIALS

The table below summarizes the type of material found to be asbestos containing.

Table 1 – Asbestos Containing Materials

Materials	Location	Conditions	Approximate Quantity
Transite panels	Exterior walls	Fair to Good = pieces observed on ground	31,500 SF ACM
Gaskets	Exterior piping	Good	10 each ASSUMED
Notes: ACM – asbestos containing material AST – above ground storage tank SF – square feet			

If the quantity of asbestos containing material varies from this total upon new discoveries, an updated notification will be made to SCAQMD.

PERSONNEL UTILIZATION

The work will be performed by persons knowledgeable, qualified, and trained in the removal, treatment, handling, and disposal of the ACMs. In addition, such persons shall comply with

applicable United States Environmental Protection Agency (EPA), Occupational Safety and Health Standards of the Department of Labor, Cal-OSHA, SCAQMD, and local mandates. The contractor shall be licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended, and shall be currently certified by the State of California Department of Occupational Safety and Health in asbestos abatement.

All abatement activities will be handled by Cal-OSHA Certified Asbestos Workers under the direction of a CAL-OSHA Certified Asbestos Supervisors.

A Cal-OSHA CAC or certified site surveillance technician (CSST) will perform the oversight of the removal operation under the direction of the CAC.

PROVISIONS FOR SITE PREPARATION AND CONTROL

The AST work location will be demarcated with asbestos warning tape and posted with warning signs meeting the specifications of Title 8 California Code of Regulations (CCR) 1529 and 29 Code of Federal Regulations (CFR) 1926.1101. The Contractor shall keep all unauthorized personnel from entering the area inside the posted barrier tape and signage. Contractor will work with AES to determine waste disposal bin storage locations, which will also require demarcation signage in accordance with Title 8 CCR 1529, and 29 CFR 1926.1101. The Contractor will provide worker decontamination units in compliance with the EPA guidelines, including portable toilets and hand-washing facilities. Two stage decontamination enclosures shall be provided at the location where workers will enter or exit the regulated work areas. Scaffolding will be utilized around the AST. Privacy screening will be placed around the scaffolding which contains a 70 percent breathable tarp. Access to the regulated areas will only be permitted for properly trained and certified personnel (CACs, CSSTs, and persons with Asbestos Worker and/or Asbestos Competent Person/Supervisor training, as defined in 40 CFR 763).

ENGINEERING WORK PRACTICES AND ASBESTOS EMISSION CONTROLS

Workers working within the regulated areas will don single full body protective tyvek suits with integral head and foot coverings, and half-face or full-face air purifying respirators equipped

with P-100 respirators equipped with high efficiency particulate air (HEPA) filters. The contractor shall continually wet the transite panels with amended water during the removal activities, to minimize airborne asbestos fibers.

ABATEMENT OF MATERIALS (EXECUTION)

Ground Surface

The ground surface around the entire perimeter of the AST will be inspected for pieces of the damaged transite panels. Workers will lightly mist with area with water and pick the visible pieces up throughout the ground perimeter. Transite pieces will immediately be bagged up. A visual clearance of the ground perimeter will be performed.

Fuel Oil AST Walls

The transite wall panels will be removed with a battery operated impact gun. Destructive removal activities will not be performed. Panels will be transported to ground level by ropes. Workers will ensure that panels do not break in transit to ground level. Transite pieces may penetrate into the wall insulation. Portions of the insulation will need to be removed and disposed of as asbestos if needed. Workers will apply one layer of polyethylene sheeting to the panels at ground level, in preparation for transportation to the asbestos disposal bin.

ADDITIONAL SUSPECT ASBESTOS CONTAINING MATERIALS

Information and location of any additional suspect ACMs discovered during abatement activities of the AST, will be immediately brought to the attention of the CSST of CAC. The CSST or CAC will collect samples of the material and have analyzed for asbestos content.

AIR MONITORING

Daily personal air monitoring shall be conducted by the Contractor in order to determine the airborne concentrations of asbestos to which workers may be exposed. Communication of the results will be provided to their workers, and to the on-site CAC or CSST upon receipt.

The CAC or CSST observer will conduct perimeter air monitoring during abatement activities, to verify that engineering controls are in place and functioning properly. Air monitoring will be performed in accordance with CCR Section 1529 (g)(4)(B)(2). At a minimum, air samples will

be collected upwind and downwind of the work area at all times that asbestos removal activities are being performed. Samples shall not exceed the established ambient background level of the EPA recommended level of 0.01 fibers per cubic centimeter (f/cc). Samples shall be analyzed via Phase Contrast Microscopy in accordance with National Institute for Occupational Safety and Health Method 7400 using a three hour turnaround time. Air monitoring results are not expected to exceed the EPA established ambient background level as the planned removal method is non-destructive. If the laboratory analysis results exceed 0.01 f/cc, the CAC or CSST will have the air samples further analyzed by transmission electron microscopy (TEM). The work location is very close proximity to the ocean which will cause wind and sandy conditions. TEM will be able to distinguish asbestos fibers from dust and other non-hazardous particles providing a more accurate result of potential airborne asbestos fibers. If TEM results still exceed the 0.01 f/cc, work practices and engineering controls will immediately be evaluated and revised to address the airborne issue.

CLEARANCE LEVELS

Following the completion of removal work activities, the CAC or CSST will perform a visual inspection of the removal areas. Visual clearance will be provided if the area is found to be acceptably clean of visible ACM from the ground surface and from the walls of the AST.

HANDLING, STORAGE, DISPOSAL AND TRANSPORTATION OF ACM WASTE TO LANDFILL

The contractor shall collect and transfer all waste to be removed from the site. All transite panels will be carefully placed in the closed-top bin. All ACMs shall be disposed of as non-hazardous asbestos-containing waste. All closed-top bins to be used will be lined with 6 mil poly sheeting and covered for proper transportation to the landfill. All bins shall be labeled as follows:

- Warning labels shall have letters of sufficient size and contrast as to be readily visible and legible, and shall contain the following information, or as specified by OSHA under 29 CFR 1910.1001(j)(2) or 1926.58(k)(2)(iii), or current Cal-OSHA requirements:

**DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD**

- Each container that will be transported off-site shall be labeled with the name of the waste generator and the location at which the waste was generated.

Transportation/Disposal

The Contractor is responsible for waste disposal. The hazardous waste hauler will transfer the waste to a certified waste disposal facility. The waste shall be accompanied by a traceable Waste Shipment Record which shall:

- Include, but not be limited to, the following:
 - The name, address, and telephone number of the waste generator;
 - The name, address, and telephone number of the SCAQMD;
 - The quantity of asbestos-containing waste material in cubic meters or cubic yards;
 - The name and telephone number of the disposal site owner and operator;
 - The name and physical site location of the disposal site;
 - The date transported;
 - The name, address, and telephone number of the transporter; and
 - A signed certification that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled,
 - and in proper condition for highway transport according to applicable federal, state, and local regulations.

ASBESTOS CLOSEOUT REPORT

Upon completion of asbestos abatement, the Contractor will provide AES consultant with asbestos disposal documentation (waste manifests, waste shipping records. AES consultant will prepare a Closeout Letter Report with disposal documentation and air monitoring results for submittal to AES.

ABATEMENT PROJECT STAGES

Table 2 below represents an estimated timeline of the initial tasks involved in the abatement process. The estimated start date is April 27, 2016.

Table 2 – Abatement Project Stages

Start Date	Estimated Number of Days to Complete	Abatement Task
April 14, 2016	1	Contractor submittals to be reviewed/approved by Ninyo & Moore
April 14, 2016	1	P5 Plan submitted to SCAQMD for approval
April 27, 2016	7	Abatement activities
May 2 - 6, 2016	5	Transportation of asbestos containing material to landfill

INVOLVED PARTIES

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DISCLAIMER

This asbestos site clean-up plan was prepared by Ninyo & Moore per the request of the AES US Services. Clean-up effort, including but not limited to, engineering controls and locations to be cleaned are based on site observations and recommendations provided by Ninyo & Moore.

No warranties express or implied are made by Ninyo & Moore or its employees as to the use of any information, apparatus, product, or process disclosed in this report. Though reasonable efforts have been made to assure correctness, the Contractor performing the work should bring any discrepancies to the immediate attention of Ninyo & Moore.

We have employed state-of-the-art practices to perform this analysis, but this evaluation is limited in scope to ACMs easily accessible to a visual inspection. Our services consist of professional opinions and recommendations made in accordance with generally accepted engineering principles and practices and are designed to provide an analytical tool to assist the client. Ninyo & Moore or those representing Ninyo & Moore bear no responsibility for the actual condition of the structure or safety of a site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the client.



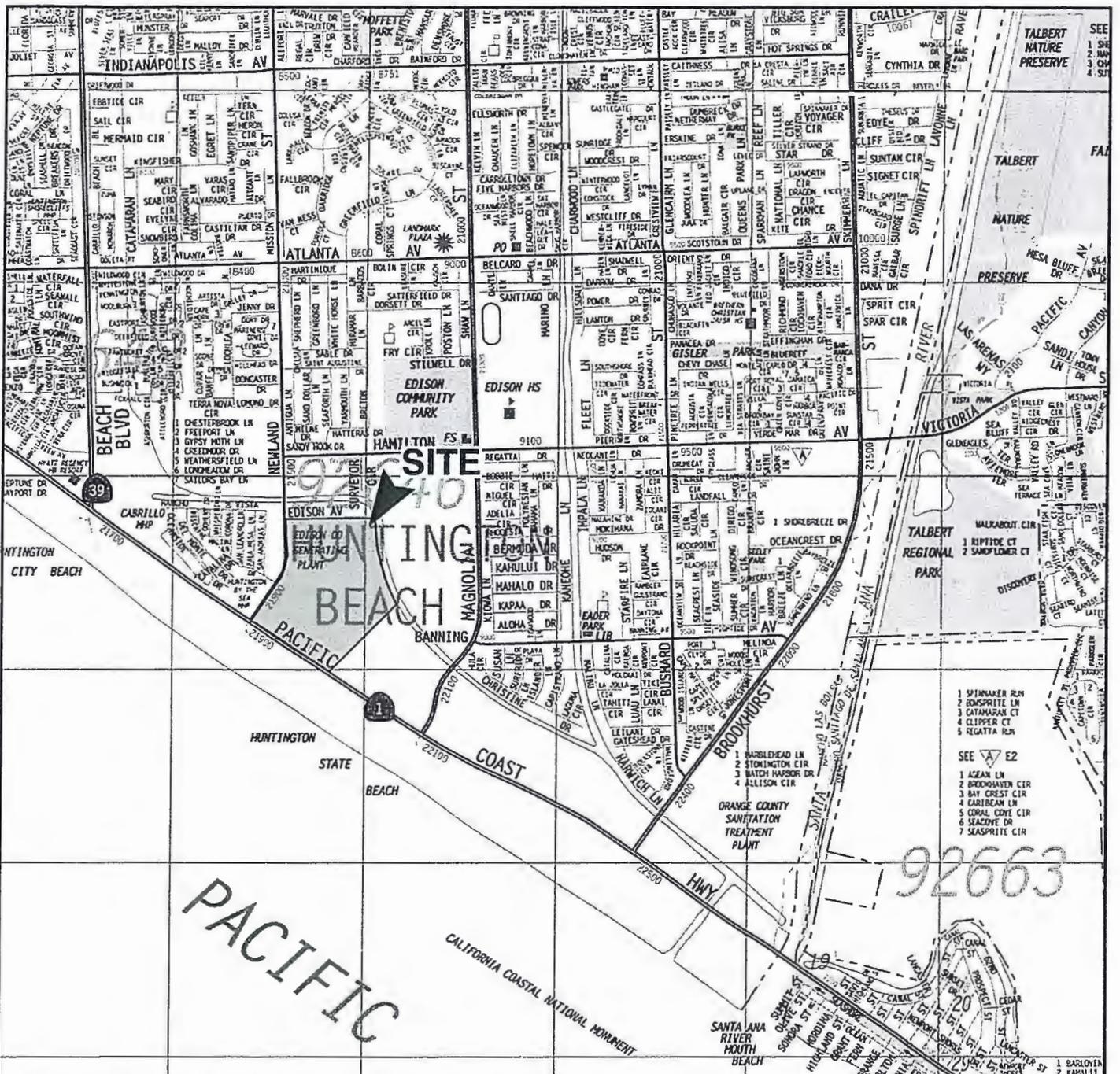
Signature of Preparer

Michael S. Cushner, Certified Asbestos Consultant No. 11-4711
Project Environmental Scientist

MSC/NA/mlc

Attachments: Figure 1 – Site Location
Figure 2 – Site Plan and Procedure 5 Location
Attachment A – Certified Asbestos Consultant Certification
Attachment B – Hazardous Building Material Survey Report, Ninyo & Moore,
October, 2015

Distribution: (1) Addressee (via e-mail)



REFERENCE: 52ND EDITION, THOMAS GUIDE FOR LOS ANGELES/ORANGE COUNTIES, STREET GUIDE AND DIRECTORY.



SCALE IN FEET



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ningo & Moore

SITE LOCATION

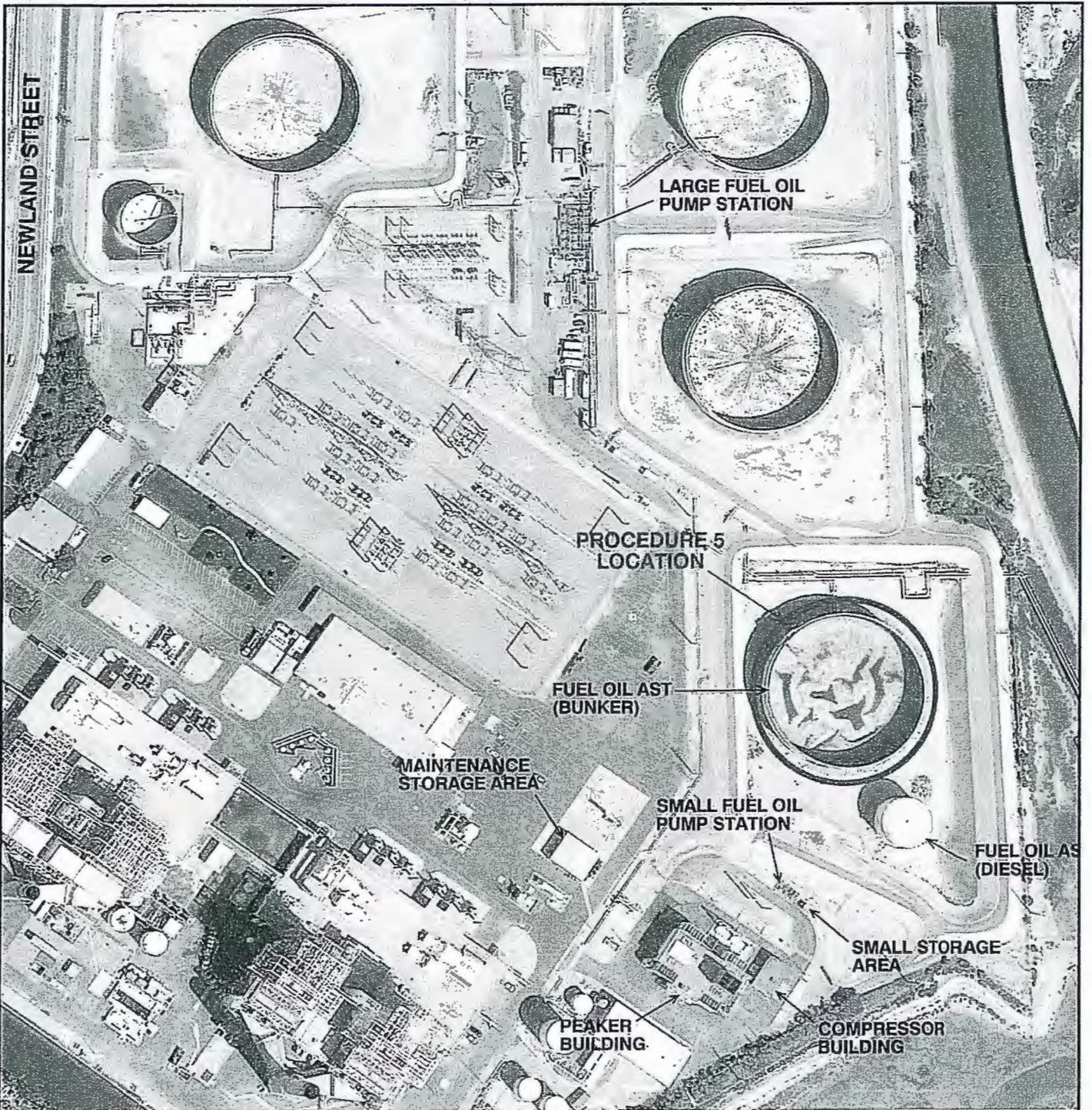
FIGURE

PROJECT NO.	DATE
209519002	4/16

21730 NEWLAND STREET
HUNTINGTON BEACH, CALIFORNIA

1

2025-04-13 20:14:11 11:00 AM 2025 04 13 20:14:11 11:00 AM 2025 04 13 20:14:11 11:00 AM 2025 04 13 20:14:11 11:00 AM



REFERENCE: GOOGLE EARTH AERIAL PHOTO, 2015



SCALE IN FEET



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

LEGEND

AST ABOVE GROUND STORAGE TANK

Ninyo & Moore

SITE PLAN AND PROCEDURE 5 LOCATION

FIGURE

PROJECT NO.
209519002

DATE
4/16

21730 NEWLAND STREET
HUNTINGTON BEACH, CALIFORNIA

2

209519002_SP.dwg 16:05:12 10/12/2015 GK (FEB. 2016)

ATTACHMENT A
CERTIFIED ASBESTOS CONSULTANT CERTIFICATION

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Michael S Cushner



Name

Certification No. **11-4711**

Expires on **07/20/16**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

ATTACHMENT B
HAZARDOUS BUILDING MATERIAL SURVEY REPORT,
NINYO & MOORE, OCTOBER, 2015

**HAZARDOUS BUILDING MATERIAL SURVEY
AES HUNTINGTON BEACH LLC
21730 NEWLAND STREET
HUNTINGTON BEACH, CALIFORNIA 92646**



PREPARED FOR:
AES US Services
600 North Studebaker Road
Long Beach, California 90803

PREPARED BY:
Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
475 Goddard, Suite 200
Irvine, California 92618

October 13, 2015
Project No. 209519002