



STRACHAN CONSULTING

**Project
Management
Environmental
Permitting
Compliance**

PO Box 1049
Davis, CA 95617
530-757-7038 o
530-220-7038 c
530-759-9070 f
susan@strachanconsult.com

A2PP2012-005

January 17, 2012

Mr. Bruce Boyer, CPM
(09-AFC-2C)
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

SUBJECT: TID A2PP (09-AFC-2C) COM-6 SUBMITTAL OF MONTHLY COMPLIANCE REPORT #10 FOR THE DECEMBER 2012 REPORTING PERIOD

Dear Mr. Boyer:

Pursuant to Condition of Certification COM-6, please find attached the hard copy original and one electronic copy of Monthly Compliance Report (MCR) #10 for the Turlock Irrigation District Almond 2 Power Plant. This MCR covers the period from December 1 through December 31, 2011.

Included in this report and as required by the Conditions of Certification are the following documents and/or information:

- Project Summary Schedule (COM-6)
- Key Events List (COM-6)
- Air Quality Construction Mitigation Manager's Report (AQ-SC3 and AQ-SC5)
- Biological Resources Monitoring Report (BIO-2)
- WEAP Acknowledgement Forms (BIO-5, CUL-8, and PAL-4)
- Paleontological Resources Monitoring Report (PAL-5)
- Cultural Resources Specialist Summary Report (CUL-9)
- Summary of erosion, sedimentation, and control measures and monitoring and maintenance activities (Soil & Water-2)
- Construction Safety Supervisor and CBO Safety Monitors' monthly reports (Worker Safety-3)
- Updated Master Drawing List/Master Specification List (GEN-2)
- CBO's approval of any special inspectors (GEN-6)
- CBO's approval of STRUC-1 drawings (STRUC-1)

- Transmission system engineering Master Drawing List/Master Specification List (TSE-1)
- Transmission system engineering update (TSE-4)
- Compliance Matrix (COM-6)

Should you have any questions regarding this submittal, please do not hesitate to contact me at 530-757-7038. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Susan Strachan". The signature is fluid and cursive, with a long horizontal line extending to the right from the end of the name.

Susan Strachan
Strachan Consulting

Attachment

cc: TID w/attachment (2 copies)

**TURLOCK IRRIGATION DISTRICT
ALMOND 2 POWER PLANT PROJECT
(09-AFC-2C)**

**Monthly Compliance Report #10
December 2011 Reporting Period**



Submitted By:



With Assistance From:



Table of Contents

Monthly Compliance Report.....Page 3

Exhibits

Project Summary Schedule.....Exhibit 1

Key Events List.....Exhibit 2

Construction Photographs.....Exhibit 3

AQCMM Monthly Report.....Exhibit 4

Biological Resources Monitoring Report.....Exhibit 5

WEAP Acknowledgement Forms.....Exhibit 6

Paleontologic Resources Monitoring Report.....Exhibit 7

Safety Supervisor Monthly Reports.....Exhibit 8

Compliance Matrix.....Exhibit 9

Monthly Compliance Report #10

1.0 Introduction

On December 15, 2010, the California Energy Commission approved the Turlock Irrigation District's (TID) Almond 2 Power Plant. A letter from the CEC approving the commencement of construction for the plant and linears was received on February 25, 2011. This Monthly Compliance Report (MCR) was prepared pursuant to Condition of Certification COM-6 and contains the information specified in the condition. This MCR covers project compliance activities, which occurred during the month of December 2011.

2.0 Current Project Status

This section provides a summary of the engineering, procurement, and construction activities during the month of December 2011. TID contracted with CH2MHill to provide the engineering for the project. CH2MHill and TID procured the equipment. Power Engineering designed the A2PP transmission generation tie line, which was built by TID. Performance Mechanical, Inc. (PMI) is the site construction contractor. Lastly, PG&E designed and constructed the natural gas pipeline, which will reinforce PG&E's existing gas transmission system, serving the greater Modesto area, as well as the A2PP. PG&E will own and operate the pipeline and reinforcement segment.

The table below provides the percent complete for project engineering, procurement, and construction of the A2PP site.

Project Percent Completion December 31, 2011

ACTIVITY	% COMPLETE
Engineering	100%
Procurement	100%
Construction	86%

A Project Summary Schedule is included in **Exhibit 1**. The Key Events list is included in **Exhibit 2**. Mechanical completion of the A2PP is scheduled to be complete on March 16, 2012. Commercial operation is estimated to occur in second quarter of 2012.

2.1 Engineering and Procurement

CH2MHill began engineering and procurement activities for the A2PP in January 2009. Engineering and procurement are 100 percent complete.

2.2 Construction

This section provides a summary of construction activities that occurred during the month of December for the A2PP site and PG&E gas pipeline and reinforcement segment.

A2PP Site

Below is a list of A2PP site construction activities that occurred during the month of December:

- Continued installing permanent exterior security fence
- Installed cable tray to RO and Demin Pump areas
- Completed installing remaining storm drain piping and catch basins
- Completed installing GRS conduit risers at grade.
- Continued installing 4/0 bare copper ground cable.
- Started installing security system conduit
- Continued above ground conduit at CTG #2, 3 and 4 packages
- Continued pulling feeder cables from PDC to PCM #2, 3 and 4.
- Completed terminating 5kV feeder cables at PDC and fuel gas compressor motors.
- Continued pulling cable between PCM #2 and CTG #2 package.
- Continued pulling cable between PCM #3 and CTG #3 package.
- Continued cable terminations-all areas
- Continued final alignment of CTG #2, 3 and 4 components.
- Continued aboveground piping to CTG #2, 3 and 4.
- Continued Hart High Voltage Testing relay testing and breaker testing.
- Started installing RO and Demin piping
- Started setting RO and Demin pumps
- Started installing above ground Fuel Gas yard piping at compressors

Exhibit 3 contains TID's construction photos of the A2PP site taken during the month of December.

PG&E Gas Pipeline and Reinforcement Segment

During the reporting period, PG&E completed its final tie-ins on the west and east ends of the reinforcement segment, installation of deep well anode, and final backfill of its valve station. Restoration of the pipeline right-of-way was also completed.

3.0 Project Compliance Activities

Pursuant to Condition of Certification COM-6, this section includes a description of the Conditions of Certification, which have reporting requirements to be addressed in the Monthly Compliance Report. The specific documents required by the Conditions are attached as exhibits.

AQ-SC3 and AQ-SC5: Sam Comstock is the designated Air Quality Construction Mitigation Manager for the A2PP. The Air Quality Mitigation Monthly Report prepared by Mr. Comstock pursuant to Conditions AQ-SC3 and AQ-SC5 is included in **Exhibit 4**. Specifically, this report consists of the following:

- Mr. Comstock's daily log;
- Summary of fugitive dust control measures conducted during the reporting period to maintain compliance with Condition AQ-SC3 (Construction Fugitive Dust Control). The information consists of the completed dust control forms required by the San Joaquin Valley Air Pollution Control District (SJVAPCD);
- Ultra-low sulfur diesel fuel purchase ledger and receipt (AQ-SC5); and
- Information on the off-road construction equipment brought on site during the reporting period (highlighted in yellow in the equipment ledger) which includes 1) an equipment ledger; 2) equipment mitigation determinations; 3) engine data summary; and 4) engine certification information for each engine (AQ-SC5)

AQ-72 and AQ-73: These SJVAPCD conditions pertain to fugitive dust control. AQ-72 references the SJVAPCD's fugitive dust rule. AQ-73 requires that TID (and PG&E for the gas pipeline) prepare a Dust Control Plan to ensure compliance with the SJVAPCD's fugitive dust rule. Ongoing compliance with these conditions is addressed in the Air Quality Mitigation Monthly Report required pursuant to Condition AQ-SC3 and included in **Exhibit 4**.

BIO-2: Todd Ellwood is the Designated Biologist for the A2PP. His monthly compliance report is included in **Exhibit 5**. His report addresses reporting requirements in several biology conditions. Specifically, these include:

- **BIO-6:** Implementation of the Biological Resources Mitigation and Implementation Monitoring Plan measures;
- **BIO-7:** Implementation of Impact Avoidance Mitigation Measures;
- **BIO-9:** Implementation of measures to protect San Joaquin Kit Fox; and
- **BIO-13:** An update on construction activities occurring in Giant Garter Snake habitat.

BIO-5, CUL-8, and PAL-4: These conditions require that information be included in the Monthly Compliance Report regarding the number of people who completed the Worker Environmental Awareness Program (WEAP) training during the reporting period and a running total of the people trained during construction. Workers are trained through the use of a CEC approved WEAP video and handbook. The PMI Safety Supervisor conducts the WEAP training at the A2PP site. There were no PG&E personnel requiring WEAP training during the reporting period. During the month of December, ten A2PP workers were trained. A total of six hundred seventy-four people have been trained as of December 31, 2011. Copies of the WEAP training acknowledgement forms for the people trained during this reporting period are included **Exhibit 6**.

CUL-9: Based on Condition CUL-9 and discussions with the CEC Staff, cultural resources construction monitoring was only required for the eastern most 450-feet of the PG&E natural gas pipeline reinforcement segment. Excavation of the eastern most 450-feet of the reinforcement segment was completed in November 2011. The Cultural Resources Specialist's Monthly Summary Report for that construction effort was included in MCR #9 filed in December 2011.

PAL-5: The Paleontologic Resources Monitoring Report for this reporting period is included in **Exhibit 7**.

Soil & Water-2: Condition of Certification Soil & Water-2 requires that during construction, the project owner provide an analysis in the Monthly Compliance Report on the effectiveness of the drainage, erosion, and sedimentation control measures and the results of monitoring and maintenance activities. TID prepared a combined Stormwater Pollution Prevention Plan (SWPPP)/Drainage Erosion Sedimentation Control Plan (DESCP) to address the requirements of Conditions Soil & Water-1 and Soil & Water-2, respectively. PG&E also prepared a SWPPP/DESCP for its natural gas pipeline. Below is the information required by Condition Soil & Water-2 for the Monthly Compliance Report for the A2PP site and the PG&E natural gas pipeline.

A2PP Site

The Best Management Practices (BMPs) identified in the SWPPP/DESCP were effective in controlling storm water, erosion, and sedimentation during the reporting period. Silt fence has been installed around the perimeter of most of the project site and construction laydown area. The silt fence has been effective in controlling stormwater run-on and run-off. It also helps in keeping small animals outside of the project site and preventing garbage from blowing on-site. Other BMPs employed during the month include:

- Use of water suppression for dust control;
- Street sweeping and cleaning of paved site access road
- Use of graveled entrance/exit to the A2PP site.
- Daily checking of equipment for oil drips and spills;
- Keeping site free of trash and debris; and
- Covering of trash bins after hours;

During the reporting period there was adequate water application to control dust. Street sweeping was done twice a day to clean up any track-out on the paved access road. In addition, hydroseed has been applied to the Winco stormwater pond located in the construction laydown area and the A2PP stormwater pond.

PG&E Natural Gas Pipeline and Reinforcement Segment

TID understands that during the reporting period PG&E completed its final tie-ins on the west and east ends of the Reinforcement Segment, installation of deep well anode, final backfill of its valve station, and restoration of the right-of-way. TID understands that a street sweeper was utilized to remove track out in areas where restoration and project

traffic were still occurring. With completion of the project activities track-out devices and silt fence were removed.

SWPPP/DESCP Monitoring and Maintenance Activities

Regarding monitoring and maintenance activities for the A2PP site and PG&E gas pipeline, there were ongoing inspections of the existing BMPs by the Qualified SWPPP practitioner or trained delegates, as required by the General Construction Permit. In addition, inspections are conducted prior to rain events with a greater than 50% probability as indicated on the NOAA website. Inspections are also conducted during and after the rain events. These inspections are all documented and included into the A2PP site on-site SWPPP/DESCP, as required by the General Construction Permit.

Specific information regarding use of water suppression for dust control and street sweeping and cleaning for the A2PP site and PG&E gas pipeline is included in the Air Quality Construction Mitigation Managers monthly report included in **Exhibit 4**.

VIS-1: No lighting complaints were received during this reporting period.

WORKER SAFETY-3: The construction contractor's Construction Safety Supervisor's Monthly Safety Inspection Report is included in **Exhibit 8**. Also included is the Chief Building Official's (CBO) Safety Monitor's monthly report and inspection log. To reduce the size of the exhibit, only the inspection log entries for this reporting period have been included.

FACILITY DESIGN/TRANSMISSION SYSTEM ENGINEERING

GEN-2: The Master Drawing List/Master Specification list is available on the A2PP CBO website.

GEN-6: There were no Special Inspectors approved by the CBO during the reporting period.

GEN-7: No corrective action was taken during this reporting period in response to a discrepancy in design and/ or construction in any engineering work that has undergone CBO review.

CIVIL-1: The CIVIL-1 drawings have been approved or conditionally approved by the CBO.

CIVIL-3: No non-conformance reports were prepared during the reporting period.

STRUC-1: The STRUC-1 drawings that have been approved by the CBO can be viewed by accessing the CBO's website established for the A2PP project.

STRUC-2: No non-conformance reports were prepared during the reporting period.

STRUC-4: There are no tanks and vessels for hazardous materials to be constructed as part of the A2PP. Therefore, no engineering drawings were submitted to the CBO in compliance with this condition.

MECH-1: **Exhibit 8** contains the inspection approvals pursuant to Condition MECH-1.

MECH-2: No CBO and/or CAL-OSHA inspections pursuant to Condition MECH-2 (pressure vessels) were conducted during this reporting period.

ELEC-1: The remaining major electrical equipment was received during the September reporting period. Relay and breaker testing continued during the December reporting period. No major electrical equipment was energized during the reporting period.

TSE-1: The Transmission System Engineering Master Drawing List/Master Specification List can be found on the CBO's website. Relay and breaker testing continued during the reporting period. No major electrical equipment was energized during the reporting period.

TSE-3: No corrective action was taken during this reporting period in response a discrepancy in design and/or construction in any transmission system engineering work that has undergone CBO review.

TSE-4: The remaining major electrical equipment was received during the September reporting period. Information on the number of electrical drawings approved and submitted for approval can be found on the CBO's website.

4.0 Compliance Matrix

Condition of Certification COM-6 requires that a compliance matrix, which shows the status of the Conditions of Certification, be included in the Monthly Compliance Report. Included as **Exhibit 9**, is an updated compliance matrix. Please note, given the size of the matrix, only those conditions pertaining to construction were included. A complete matrix was provided in Monthly Compliance Report #1.

5.0 Conditions Satisfied During Reporting Period

TID did not receive written information from the CEC regarding conditions satisfied during the reporting period.

6.0 Missed Submittal Deadlines

There were no submittal deadlines missed during this reporting period.

7.0 Approved Changes to Conditions of Certification

No changes have been made to the Conditions of Certification since the Final Decision was issued.

8.0 Filings or Other Permits To/ From Other Agencies

During the reporting period, there were no filings were made to other agencies.

9.0 Projection of Project Compliance Activities Scheduled for January 2012/February 2012

The following compliance documents are anticipated to be submitted during the January 2012/February 2012 reporting period:

- **COM-12:** Facility Closure Plan
- **HAZ-2:** Revised Business Plan, SPCC, Process Safety Management Plan, and Risk Management Plan
- **HAZ-4:** Direction to vendors transporting anhydrous ammonia regarding DOT approved vehicle use
- **HAZ-5:** Direction to vendors transporting anhydrous ammonia regarding route and delivery time limitations
- **LAND-2:** Restoration of agricultural lands
- **PAL-1:** Revised resume of James Verdoff
- **TLSN-3:** T-line pre-energization EMF field measurements results
- **Worker Safety-2:** Submittal of Operations Fire Protection Plan, Hazardous Materials Management Program, and Emergency Action Plan

10.0 Additions To On-Site Compliance File

The WEAP signed acknowledgement forms for the reporting period and the compliance documents submitted during the reporting period were added to the site compliance files.

11.0 Request to Dispose of Items Required to be Maintained in Project Files

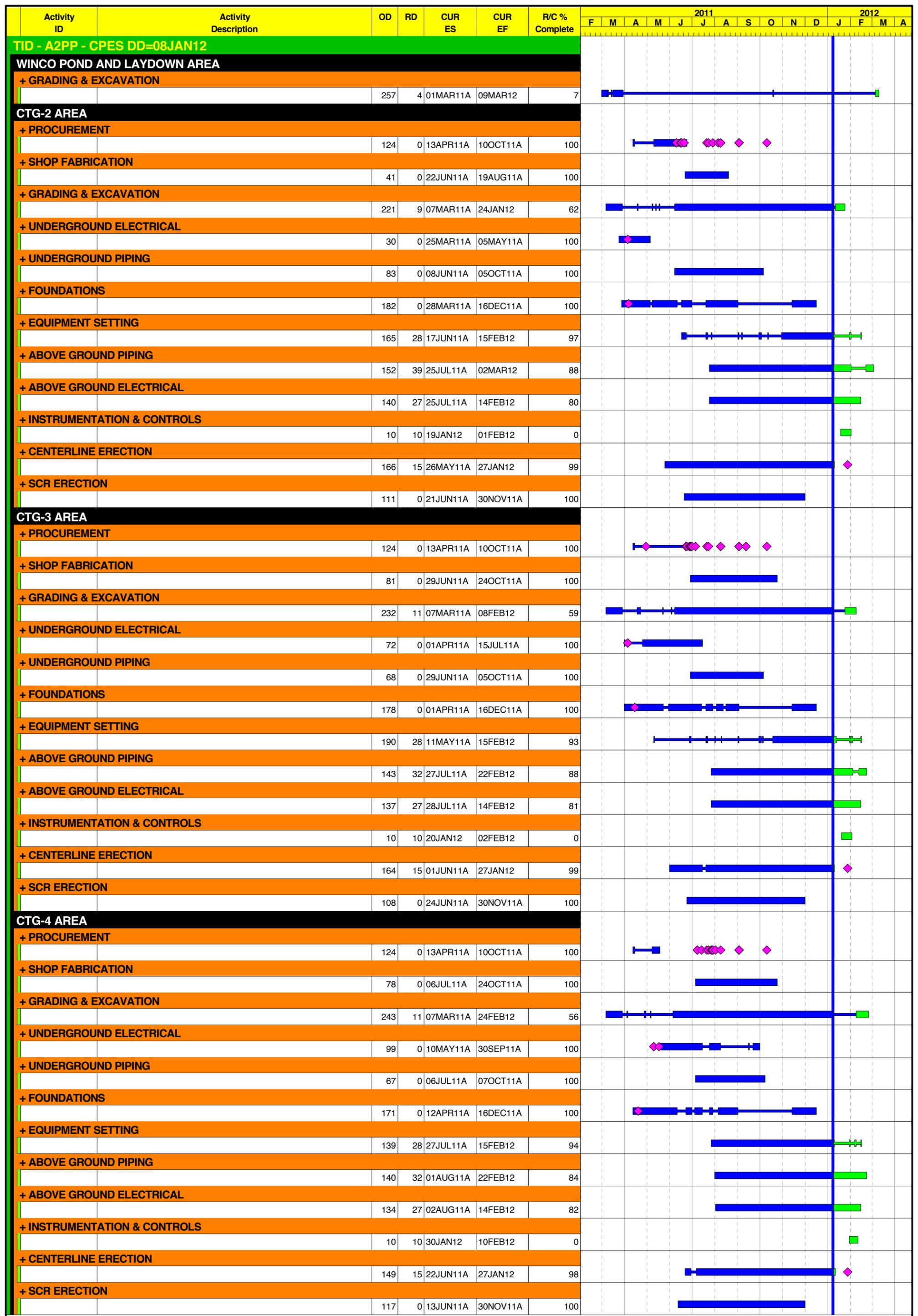
There are no items in the project compliance files of which TID is requesting to dispose.

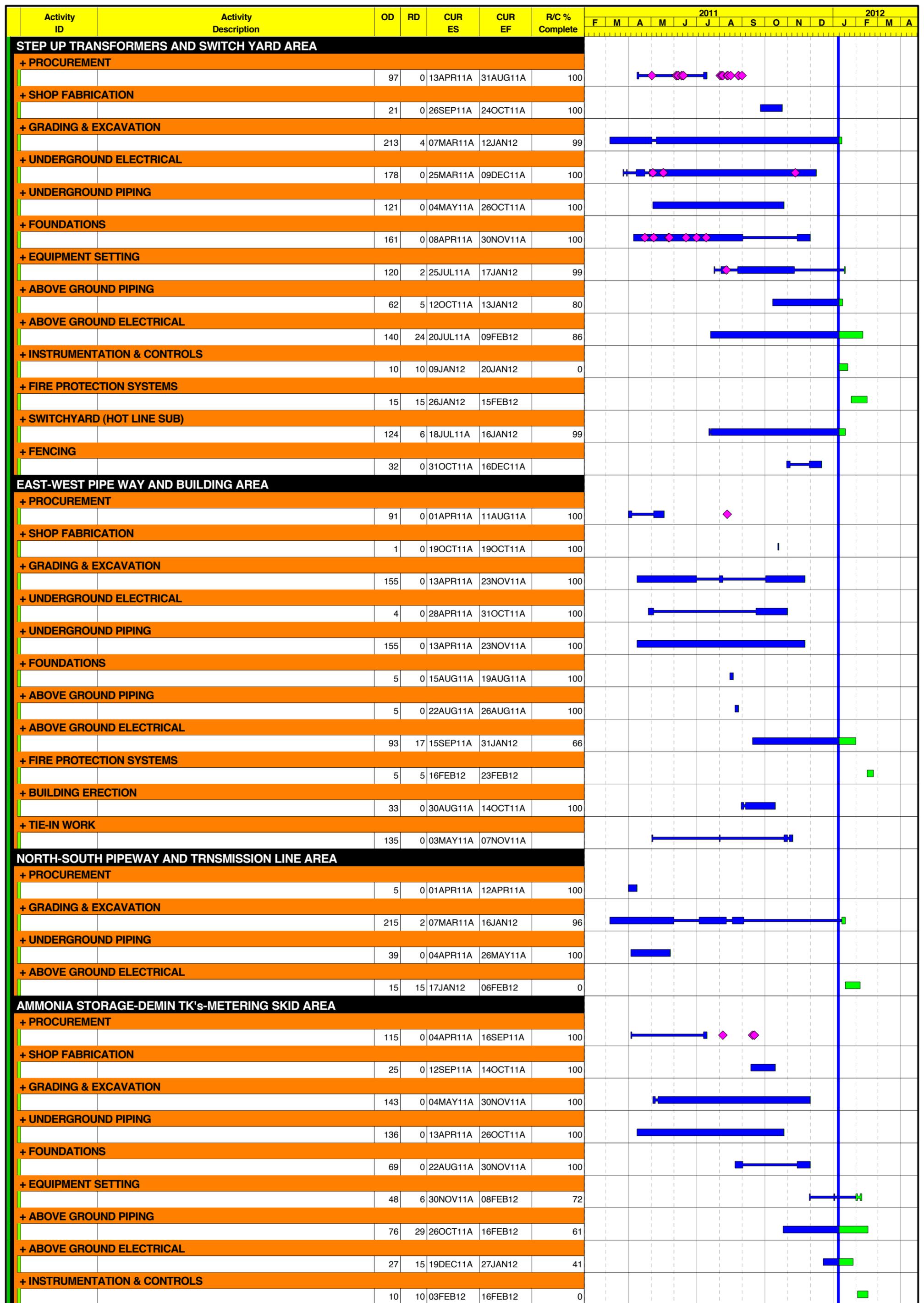
12.0 Complaints, Violations, Warnings, Citations

There were no complaints, violations, warnings, or citations issued during the reporting period.

EXHIBIT 1

PROJECT SUMMARY SCHEDULE





Start Date 01FEB11
 Finish Date 16MAR12
 Data Date 08JAN12
 Run Date 11JAN12 11:25

 Current Bar
 Progress Bar
 Critical Activity

A262
 PERFORMANCE MECHANICAL, INC.
 TID - A2PP - CPES DD=08JAN12
 FULL SUMMARY SCHEDULE - SUSAN

Sheet 2 of 3

****PLEASE BE AWARE THAT AS THE PROJECT MOVES FORWARD THERE WILL BE SEQUENCING CHANGES AND/OR DATE CHANGES TO ACTIVITIES.**

EXHIBIT 2

KEY EVENTS LIST

KEY EVENTS LIST

PROJECT: TID Almond 2 Power Plant

DOCKET #: 09-AFC-2C

COMPLIANCE PROJECT MANAGER: Bruce Boyer

EVENT DESCRIPTION	DATE
Certification Date	December 15, 2010
Obtain Site Control	September 10, 2010
Online Date	Second Quarter 2012
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	February 28, 2011
Start Ground Disturbance	March 1, 2011
Start Grading	March 21, 2011
Start Construction	March 21, 2011
Begin Pouring Major Foundation Concrete	April 6, 2011
Begin Installation of Major Equipment	June 2011
Completion of Installation of Major Equipment	September 1, 2011
First Combustion of Gas Turbine	March 2012
Obtain Building Occupation Permit	March 2012
Start Commercial Operation	Second Quarter 2012
Complete All Construction	March 16, 2012
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	September 2011
Synchronization with Grid and Interconnection	January 2012
Complete T/L Construction	November 2011
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	May 26, 2011
Complete Gas Pipeline Construction	November 2011
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	N/A
Complete Water Supply Line Construction	N/A

EXHIBIT 3

CONSTRUCTION PHOTOGRAPHS

CONSTRUCTION PHOTOGRAPHS – DECEMBER 2011



View from Combustion Turbine 4



Installation of Substation Fence



Gas Compressor Yard



Alignment of Combustion Turbine #4

EXHIBIT 4

AQCMM MONTHLY REPORT

Almond 2 Power Plant Project

Almond 2 Power Plant AQCM Log

12/1/11

Weather-Clear, Wind 8 MPH NNW, Temp 48 Deg F.
On site 6:50 AM.
Attended PG&E gas line project weekly meeting.
Started placing fill grout in fuel gas suction scrubber skid voids. Started fabricating fuel gas compressor lube oil pipe support foundations. Welding up gas compressor lube oil piping. Started placing permanent switch yard fence posts. Setting CO2 fire suppression system on its foundation.
Used 12,600 gallons of water for dust control at A2PP site
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:05 PM.

12/2/11

Weather-Clear, Wind 8 MPH ENE Temp 42 Deg F. Water truck on site.
On site 6:15 AM.
Placing concrete for permanent switch yard fence posts. Fit testing #2 gas compressor lube oil piping to fin fan cooler. Started terminating cables from #4 generator to generator breaker #4.
Used 10,000 gallons of water for dust control at A2PP site
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:05 PM.

12/5/11

Weather-Clear, Wind Calm, Temp 31 Deg F.
On site 6:25 AM.
Continuing with switch yard fence installation. Back filling pipe trench between Almond 1 fuel gas compressors and cooling water tower. Started terminating cables from #4 generator breaker to generator #4. Started installing inlet air filters on Unit #2.
Used 10,100 gallons of water for dust control at A2PP site
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:15 PM.

12/6/11

Weather-Clear, Wind Calm, Temp 29 Deg F. Water truck on site.
On site 7:25 AM.
Continuing with switch yard fence installation. Working on all three generator maintenance pads. Started terminating cables from #2 generator breaker to generator #2.
Used 11,600 gallons of water for dust control at A2PP site
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:15 PM.

12/7/11

Weather-Clear, Wind Calm, Temp 29 Deg F. Water truck on site.
On site 6:30 AM.
Placing concrete for storm water collection system between unit #2 & #3.
Started installing gas turbine inlet air filters on Unit #3.
Used 9,700 gallons of water for dust control at A2PP site
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:10 PM.

12/8/11

Weather-Clear, Wind Calm, Temp 31 Deg F. Water truck on site.
On site 6:30 AM.
Back filling fire line and fire plug near fuel gas compressors. Fitting testing oil lines from #3 fuel gas compressor and its fin fan oil cooler. Installing support structures for anti-icing cable tray between control panel and transformer. Back filling around new demin water pump foundations.
Used 10,600 gallons of water for dust control at A2PP site.
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:05 PM.

12/9/11

Weather-Clear, Wind Calm, Temp 29 Deg F. Water truck on site.
On site 6:30 AM.
Placing concrete for unit #4 gas line pipe supports, all three units generator maintenance pads and all three oil line pipe support pads between fuel gas compressors and its fin fan oil coolers.
Used 10,150 gallons of water for dust control at A2PP site.
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:10 PM.

12/12/11

Weather-Mostly Cloudy, Wind Calm, Temp 43 Deg F. Water truck on site.
On site 6:30 AM.
Attended Performance Mechanical, Inc. All employees Weekly safety meeting.
Installed access ladders to all three units air inlet filter houses.
Used 8,700 gallons of water for dust control at A2PP site.
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:00 PM.

12/13/11

Weather-Clear, Wind Calm, Temp 36 Deg F. Water truck on site.
On site 6:30 AM.
Set on foundations all three emergency eye wash stations near the ammonia skids.
Placing conduit in trenches for PIV valve position.
Used 10,100 gallons of water for dust control at A2PP site.
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:05 PM.

12/14/11

Weather-Clear, Wind Calm, Temp 30 Deg F. Water truck on site.
On site 6:25 AM.
Grouting support structures for anti-icing cable tray between control panel and transformer. Forming generator breaker access steps, platforms and landings on all three units. Cable pulling and terminations still on going in the power control module. Grading East side of all three Units for final storm water collection system.
Used 200 gallons of water for dust control at A2PP site.
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:05 PM.

12/15/11

Weather-Light rain, Wind 6 MPH NNW, Temp 43 Deg F. Water truck on site.
On site 6:15 AM.
Today is the last day for Snelson Construction on PG&E gas line project, job is completed.
Placing concrete for fuel gas suction scrubber control panel access pad and all three generator breaker access steps. Puling cable from #3 generator breaker to generator #3.
Used 200 gallons of water for dust control at A2PP site.
Used 7,600 gallons of water for dust control at PG &E gas line sites.
Off site 3:05 PM.

12/16/11

Weather-Fog, Wind Calm, Temp 32 Deg. F. Water truck on site.
On site 6:25 AM.
Pressure testing #2 gas compressor oil lines to oil fin fan cooler.
Installing North switch yard vehicle gate. Installing supply gas line to unit # 3.
Used 200 gallons of water for dust control at A2PP site
Off site 3:05 PM.

12/19/11

Weather-Fog, Wind Calm, Temp 36 Deg F. Water truck on site.
On site 6:20 AM.
Trenching East fence line for security conduit. Filling and grading South side of GSU #2.
Fitting and welding new piping on demin water forwarding pumps.
Used 7,500 gallons of water for dust control at A2PP site
Off site 3:10 PM.

12/20/11

Weather-Fog, Wind 4 MPH East, Temp 34 Deg F. Water truck on site.
On site 6:25 AM.
Installing cable trays for anti-icing skid supply power. Installing final elbow at new gas metering station for A2PP.
Continuing with pipe welding on new demin water forwarding pump skid.
Used 10,600 gallons of water for dust control at A2PP site
Off site 3:05 PM.

12/21/11

Weather-Fog, Wind Calm, Temp 32 Deg F. Water truck on site.
On site 6:25 AM.
Installing cable trays for demin water forwarding pump skid. Installing grout forms on demin water forwarding pump skid. Installing gas compressor yard lighting conduit.
Used 7,700 gallons of water for dust control at A2PP site
Off site 3:10 PM.

12/22/11

Weather-Clear, Wind 7 MPH Variable , Temp 37 Deg F. Water truck on site.
On site 6:20 AM.
Placing concrete for aprons around fire hydrants.
Short day, all crafts leaving early for Christmas Holiday.
Used 7,500 gallons of water for dust control at A2PP site
Off site 12:10 PM.

12/27/11

Weather-Fog, Wind 8 MPH NW, Temp 37 Deg F. Water truck on site.
On site 6:15 AM.
Attended Performance Mechanical, Inc. All employees Weekly safety meeting.
Placing grout in forms on demin water forwarding pump skid. Placing West access stairs on generator #2.
Used 0 gallons of water for dust control at A2PP site
Off site 3:10 PM.

12/28/11

Weather-Clear, Wind Calm, Temp 35 Deg F. Water truck on site.
On site 6:25 AM.
Cleaning and inspecting unit #3 lube oil tank.
Used 7,500 gallons of water for dust control at A2PP site
Off site 3:05 PM.

12/29/11

Weather-Clear, Wind 34 MPH ESE , Temp 34 Deg F. Water truck on site.
On site 6:25 AM.
Pulling cable to new demin water forwarding pump skid. Placing grout in pump half of anti-icing skid. Pulling line side cable to station service transformer.
Used 7,500 gallons of water for dust control at A2PP site
Off site 3:10 PM.

12/30/11

Weather-Haze, Wind 4 MPH SE, Temp 46 Deg F. Water truck on site.
On site 6:30 AM.
Removing aprons forms from around fire hydrants. Pulling anti-icing supply cable from supply transformer to anti-icing skid main breaker. Installing flexible links between transitions duct and GSU 32.
Used 10,100 gallons of water for dust control at A2PP site
Off site 3:15 PM.

Record Keeping Form

Month: Dec, 2011

FORM A – Area Water Application

Project Location: 4500 Crows Landing City: Modesto Size: 6.4 AC (Miles/Acres)

Owner: TID Address: 333 East Canal Drive City: Turlock Zip: 95381-0949

Contact

Person: Sam Comstock Title: ACQMM Phone: (209) 535-8267

Watering Schedule

Use this form to document daily water applications at a single site by recording total gallons per day and number of applications per day at a single area. Use additional forms, as necessary, for areas with different treatment schedules.

Area Treated: Drive, dirt mix and gravel for dust control; pipe hydro tests.

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1					All Day 1 12600 gals	All Day 2 10000 gals	3
2	4	All Day 5 10100 gals	All Day 6 11600 gals	All Day 7 9700 gals	All Day 8 10600 gals	All Day 9 10150 gals	10
3	11	All Day 12 8700 gals	All Day 13 10100 gals	All Day 14 200 gals	All Day 15 200 gals	All Day 16 200 gals	17
4	18	All Day 19 7500 gals	All Day 20 10600 gals	All Day 21 7700 gals	All Day 22 7500 gals	All Day 23 Pre- Holiday	24
5	25	All Day 26 Holiday	All Day 27 0 gals	All Day 28 7500 gals	All Day 29 7500 gals	All Day 30 10100 gals	31

Area Treated: 6.4 AC

Record Keeping Form

Month: Dec, 2011

FORM B – For Cleanup of Trackout Carryout

Project Location: 4500 Crows Landing City: Modesto Size: 6.4 (Acres)

Owner: TID Address: 333 East Canal Drive City: Turlock Zip: 95381-0949

Contact Person: Sam Comstock Title: ACQMM Phone: (209) 535 -8267

Sweeping / Cleanup Schedule

Use this form to document the cleanup schedule by entering the time of day cleanup is done.

Mornings = am; Afternoon = pm. Write "end of day" if cleanup is done at the end of the workday.

Week Ending		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12-4-11	am		1100	1100	1100	1100	1100	
	pm		End of day					
12-11-11	am	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	pm		1100	1100	1100	1100	1100	
12-18-11	am		1100	1100	1100	1100	1100	
	pm		End of day					
12-25-11	am	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	pm		1100	1100	1100	1100	1100	
	am		End of day					
	pm	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	am							
	pm							

Record Keeping Form

Month: Dec, 2011

FORM C – For Permanent / Long Term Dust Controls

Project

Location: 4500 Crows Landing City: Modesto Size: 6.4 (Acres)

Owner: TID Address: 333 East Canal Drive PO Box 949 City: Turlock Zip: 95381-0949

Contact

Person: Sam Comstock Title: ACQMM Phone: (209) 535 -8267

Permanent Activities

Describe the types of permanent dust controls implemented, the date, the activity, such as applying an organic dust suppressant, gravel, paving or a trackout control device. Add comments such as the amount used, where used, brand name.

Date	Dust Control Activity Performed (Gravel, paving)	Comments: Type of material, application rate.
03-01-11	Large crushed rock at main gate	Knock off dirt from tires/vehicles
04-01-11	Gravel (hammered)	Around office trailers, lunch room and parking areas.
07-05-11	Widen front main gate and add more large crush rock	To accommodate large loads; knock off dirt from tires/vehicles.
09-27-11	Rumble rock at front gate	Turn over rock to knock out build up dirt
10/20/11	Hydroseed Winco retention pond	California Native seed erosion blend.
10/21/11	Hydroseed A2PP retention pond	California Native seed erosion blend.
10/26/11	Placed permanent crushed rock on Switch Yard	1 ½" x ¾" MA Crushed rock
11/3/11	Placed AB bed in preparation for Asphalt west of GSU's and in between Transformers and PDC	CLASS II, RECYCLED AGREGATE BASE MATERIAL

Comments: Ongoing 'hammered' gravel being placed to cut down dust.

Ultra Low Sulfur Diesel Fuel Ledger

For Month Of: Dec. 2011

	Delivery Date	Quantity Gal.	Delivered To	Received From	Equip. #	Operating Hrs.
1	12/7/11 (1)	50	PMI	Shell - Modesto, CA		
2	12/7/11 (2)	50	PMI	Shell - Modesto, CA		
3	12/7/11 (3)	50	PMI	Shell - Modesto, CA		
4	12/7/11 (4)	43	PMI	Shell - Modesto, CA		
5	12/16/11 (1)	50	PMI	Shell - Modesto, CA		
6	12/16/11 (2)	50	PMI	Shell - Modesto, CA		
7	12/16/11 (3)	32	PMI	Shell - Modesto, CA		
8	12/27/11 (1)	49	PMI	Shell - Modesto, CA		
9	12/27/11 (2)	49	PMI	Shell - Modesto, CA		
10	12/27/11 (3)	43	PMI	Shell - Modesto, CA		
11						
12						
13						
14						
15						
16	12/14/11	49	Collins Electrical Co.	Joe's Food Mart Modesto		
17	12/14/11	36	Collins Electrical Co.	Joe's Food Mart Modesto		
18						
19						
20						
21						
27						
28						
22						
23						
24						
29						
30						
31						
32						
33						
25						
26						
34						
35						
36						
37						
38						
39						
40						

SHELL

12/7/11 (1)

\$200.00

Site Diesel Fuel

50.012 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #248740

(1)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE 12/07/11 9:15AM
INVOICE# 248740
AUTH# 007994
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP	PRODUCT	\$/G
03	DIES	\$3.999

GALLONS	FUEL TOTAL
50.012	\$200.00

THANK YOU
HAVE A NICE DAY
91613-23-402

SHELL

12/7/11 (2)

\$200.00

Site Diesel Fuel

50.012 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #248757

(2)
WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE 12/07/11 9:21AM
INVOICE# 248757
AUTH# 007537
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT #/G
03 DIES \$3.999

GALLONS FUEL TOTAL
50.012 \$200.00

91613-23-402
THANK YOU
HAVE A NICE DAY

SHELL

12/7/11 (3)

\$200.00

Site Diesel Fuel

50.012 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #248773

(3)
WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351
DATE 12/07/11 9:30AM
INVOICE# 248773
AUTH# 007739
SHELL EXEC
ACCOUNT NUMBER
PERFORMANCE MECHANI
PUMP PRODUCT \$/G
03 DIES \$3.999
GALLONS FUEL TOTAL
50.012 \$200.00
91613-23-402
THANK YOU
HAVE A NICE DAY

SHELL

12/7/11 (4)

\$170.79

Site Diesel Fuel

42.707 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #248781

(4)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351
DATE 12/07/11 9:36AM
INVOICE# 248781
AUTH# 007547
SHELL EXEC
ACCOUNT NUMBER
PERFORMANCE MECHANI
PUMP PRODUCT \$/G
03 DIES \$3.999
GALLONS FUEL TOTAL
42.707 \$170.79
91613-23-402
THANK YOU
HAVE A NICE DAY

SHELL

12/16/11 (1)

\$199.73

Site Diesel Fuel

49.946 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #258871

(1)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE 12/16/11 8:13AM
INVOICE# 258871
AUTH# 016375
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP	PRODUCT	\$/G
03	DIES	\$3.999

GALLONS	FUEL TOTAL
---------	------------

49.946	\$199.73
--------	----------

91613-23-402

THANK YOU
HAVE A NICE DAY

SHELL

12/16/11 (2)

\$200.00

Site Diesel Fuel

50.012 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #258913

(2)

WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433

SHELL
1230 CROWS LANDING R
MODESTO
CA 95351

DATE 12/16/11 8:20AM
INVOICE# 258913
AUTH# 016894
SHELL EXEC
ACCOUNT NUMBER

PERFORMANCE MECHANI

PUMP PRODUCT \$/G
03 DIES \$3.999

GALLONS	FUEL TOTAL
50.012	\$200.00

91613-23-402

THANK YOU
HAVE A NICE DAY

SHELL

12/16/11 (3)

\$126.67

Site Diesel Fuel

31.675 US GAL. (Truck 50 fuel cell)

JOB# 91613-23-402

Invoice #258954

(3)
WELCOME
TO
SHELL
SALES RECEIPT
93 004 089433
SHELL
1230 CROWS LANDING R
MODESTO
CA 95351
DATE 12/16/11 8:29AM
INVOICE# 258954
AUTH# 016222
SHELL EXEC
ACCOUNT NUMBER
PERFORMANCE MECHANICAL
PUMP PRODUCT \$/G
03 DIES \$3.999
GALLONS FUEL TOTAL
31.675 \$126.67
91613-23-402
THANK YOU
HAVE A NICE DAY

✓
WELCOME

TP06624164-001
JOE'S FOOD MART
4955 CROWS LANDING R
MODESTO CA 9535

DATE 12/14/11
TIME 9:09 AM
AUTH# 589534
VEHICLE# 00441
ODOMETER 3954

WEX

PUMP	PRODUCT	PPG
10	DIES	\$4.089

GALLONS	TOTAL
48.775	\$199.44

THANK YOU
HAVE A NICE DAY

✓
WELCOME

TP06624164-001
JOE'S FOOD MART
4955 CROWS LANDING R
MODESTO CA 9535

DATE 12/14/11
TIME 9:12 AM
AUTH# 592263
VEHICLE# 00441
ODOMETER 3954

WEX

PUMP	PRODUCT	PPG
10	DIES	\$4.089

GALLONS	TOTAL
35.651	\$145.78

THANK YOU
HAVE A NICE DAY

Summary of Diesel Construction Equipment Mitigation Determinations

For month of : Dec-2011

Item	Equipment Make & Model	Engine Make, Model, Rating	Tier 3 Engine (yes / no)	Days Expected Onsite	Excess Oil Consumption Expected (yes / no)	Adequate Exhaust Temp. (yes / no)	Adequate Installation Space (yes / no)	Is there an ARB Certified Soot Filter this engine (yes / no)	Mitigation Determination (ULSFO, Tier 3 engine, soot filter)
8	Lay - Mor Broom 8HC	Kubota V1505 46 HP	Yes	365	No	N/A	N/A	N/A	ULSFO
13	Caterpillar Backhoe 420D	Perkins C4.4 93 HP	No	120	No	N/A	N/A	N/A	ULSFO Alcorn Excavating-Hardship Exemption approved
17	JLG Extended Forklift QSB4.5	Cummins QSB4.5 110 HP	Yes	120	No	N/A	N/A	N/A	ULSFO
23	Deere Personnel Cart HPX Gator	Yanmar Co. 3TNE68C-EJUV 18.2 HP	No	305	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
26	Caterpillar Compressor XAS-185CD7	IHI Shibaura C2.2 45 HP	Yes	150	No	N/A	N/A	N/A	ULSFO
27	Lincoln Welder Vantage 500	Deutz AG D2011L041 49 HP	Yes		No	N/A	N/A	N/A	ULSFO
34	Caterpillar Extended Forklift TL1055	Perkins C4.4 87 HP	Yes	90	No	N/A	N/A	N/A	ULSFO
37	Caterpillar Backhoe 430E	Perkins C4.4 100 HP	Yes	100	No	N/A	N/A	N/A	ULSFO
39	Genie Manlift S-65	Ihi Shibaura 404D-22 50 HP	Yes		No	N/A	N/A	N/A	ULSFO
45	Genie Manlift S-65	Ihi Shibaura 404D-22 50 HP	Yes		No	N/A	N/A	N/A	ULSFO
53	JLG Manlift 800AJ	Deutz AG D2001L04 62 HP	Yes		No	N/A	N/A	N/A	ULSFO
55	Caterpillar Extended Forklift TL1055	Perkins C4.4 87 HP	Yes		No	N/A	N/A	N/A	ULSFO

Diesel Engine Data Summary

For month of : Dec-2011

Item	Engine Make & Model	Engine Serial Number	Engine Mfr. Year	Engine Displacement (Liters)	Engine Rating (HP)	EPA / ARB Conformity Date	Tier 3 Engine Available	Operating Hrs. since last major overhaul	Exhaust Temp.	Contractor
8	Kubota Broom V1505	AJ3467	2010	1.5	46 HP	12/22/2009	Tier 4	90.1	NA	PMI
13	Caterpillar Backhoe 3054	7BJ58204	2001	3.99	93	12/22/2001	Tier 1	6566.2	NA	Alcorn Excavating-Hardship Exemption approved
17	Cummins QSB4.5	45862694	2008	4.5	110	12/19/2007	Tier 3	2220	NA	Collins Electrical
23	Yanmar Co. Personnel cart 3TNE68C-EJUV	CH3008D024247	2004	0.78	18.2	7/13/2004	Tier 1	1369.9	NA	TID Exempt less than 50 HP
26	IHI Shibaura Compressor C2.2	G7L01653	2008	2.216	45	12/19/2007	Tier 4	263.2	NA	PMI
27	Deutz Welder D2011L041	10598769	2008	3.1041	49	1/16/2008	Tier 4	380.5	NA	PMI
34	Perkins Extended Forklift C4.4	44403232		4.4	87	3/17/2008	Tier 3			PMI
37	Perkins Backhoe C4.4	G4D26974		4.4	100	3/17/2008	Tier 3	568	NA	PMI
39	Ihi Shibaura Manlift 404D-22	750054		2.216	50	12/27/2010	Tier 4		NA	PMI
45	Ihi Shibaura Manlift 404D-22	749301	2011	2.216	50	12/27/2010	Tier 4	45	NA	PMI
53	Deutz Manlift D2001L04	64451	2011	3.619	62	4/21/2011	Tier 4	37	NA	PMI
55	Perkins Extended Forklift C4.4	44413022		4.4	87	12/21/2007	Tier 4	19	NA	PMI

	JOHN DEERE POWER SYSTEMS	EXECUTIVE ORDER U-R-004-0430
		New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2011	BJDXL06.8106	4.5	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Direct Diesel Injection, Turbocharger, Charge Air Cooler, Electronic Control Module, Smoke Puff Limiter			Tractor, Pump, Compressor, Generator Set, Other Industrial Equipment	

The engine models and codes are attached.

The following are the exhaust certification standards (STD), or family emission limit(s) (FEL) as applicable, and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
56 ≤ kW < 75	Tier 3	STD	N/A	N/A	4.7	5.0	--	20	15	50
		FEL	--	--	--	--	0.30	--	--	--
		CERT	--	--	4.1	1.4	0.20	1	2	2

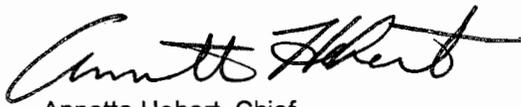
BE IT FURTHER RESOLVED: That the family emission limit(s) (FEL) is an emission level declared by the manufacturer for use in any averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable emission standard for determining compliance of any engine within this engine family under 13 CCR Sections 2423 and 2427.

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 6 day of December 2010.


 Annette Hebert, Chief
 Mobile Source Operations Division

	IHI SHIBAURA MACHINERY CORPORATION	EXECUTIVE ORDER U-R-026-0284
		New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engine and emission control system produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2010	AH3XL2.22N4L	2.216	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Indirect Diesel Injection			Loader, Tractor and Industrial Equipment	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
37≤KW<56	Tier 4 Interim	STD	N/A	N/A	4.7	5.0	0.30	20	15	50
		CERT	--	--	4.5	1.1	0.26	4	3	7

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 26 day of January 2010.



Annette Hebert, Chief
Mobile Source Operations Division

 CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY AIR RESOURCES BOARD	DEUTZ AG	EXECUTIVE ORDER U-R-013-017A New Off-Road Compression-Ignition Engines

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control system produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2006	6DZXL03.1041	1.555, 2.332, 3.109	Diesel	5000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Direct Diesel Injection			Loader, Pump	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kW-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kW-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
8 ≤ kW < 19	Tier 2	STD	N/A	N/A	7.5	6.6	.80	20	15	50
19 ≤ kW < 37	Tier 2	STD	N/A	N/A	7.5	5.5	.60	20	15	50
		CERT	-	-	6.4	2.7	.21	2	3	3

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 30th day of December 2005.


 for Allen Lyons, Chief
 Mobile Source Operations Division

PG&E Gas Pipeline

Regulation VIII Record Keeping Form

Month:
December

FORM A – Area Water Application

Project Location: Stanislaus County City: Ceres, Turlock and Patterson Size: 137.3 (Miles/Acres)
 Owner: Pacific Gas & Electric Address: 375 N. Wiget Lane City: Walnut Creek Zip: 94598
 Contact Person: Ralph Roberts Title: Environmental Field Specialist Phone: (209) 323-9492

Watering Schedule

Use this form to document daily water applications at a single site by recording total gallons per day and number of applications per day at a single area. Use additional forms, as necessary, for areas with different treatment schedules.

Area treated: YARD *NW = WORK*

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	/	/	/	/	3800 / 3 1	3800 / 3 2	NW 3
2	NW 4	3800 / 3 5	3800 / 3 6	3800 / 3 7	3800 / 3 8	3800 / 3 9	NW 10
3	NW 11	3800 / 3 12	3800 / 3 13	3800 / 3 14	3800 / 3 15	NW 16	NW 17
4	NW 18	NW 19	NW 20	NW 21	NW 22	NW 23	NW 24
5	NW 25	NW 26	NW 27	NW 28	NW 29	NW 30	NW 31

Area treated: Row

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	/	/	/	/	3800 / 3 1	3800 / 3 2	NW 3
2	NW 4	3800 / 3 5	3800 / 3 6	3800 / 3 7	3800 / 3 8	3800 / 3 9	NW 10
3	NW 11	3800 / 3 12	3800 / 3 13	3800 / 3 14	3800 / 3 15	NW 16	NW 17
4	NW 18	NW 19	NW 20	NW 21	NW 22	NW 23	NW 24
5	NW 25	NW 26	NW 27	NW 28	NW 29	NW 30	NW 31

Retain for one year after project ends. Title V sources are required to retain for five years after project ends.

Regulation VIII Record Keeping Form

Month:
December

FORM B – For Cleanup of Trackout and Carryout

Project Location: Stanislaus County City: Ceres, Turlock and Patterson Size: 137.3 (Miles/Acres)
 Owner: Pacific Gas & Electric Address: 375 N. Wiget Lane City: Walnut Creek Zip: 94598
 Contact Person: Ralph Roberts Title: Environmental Field Specialist Phone: (209) 323-9492

Sweeping / Cleanup Schedule

Use this form to document the cleanup schedule by entering the time of day cleanup is done.
Mornings =am; Afternoon = pm. Write "end of day" if cleanup is done at the end of the workday. In urban areas, preventing or cleaning-up trackout at construction sites is required immediately if it extends 50 feet or more. Record keeping is required for construction sites subject to Rule 8021, sites that store bulk materials subject to Rule 8031 and vehicle/equipment storage areas subject to Rule 8071.

NW = No Work

Week		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	am	/	/	/	/			
	pm	/	/	/	/	END OF DAY	END OF DAY	NW
2	am	4	5	6	7	8	9	10
	pm	NW	END OF DAY	NW				
3	am	11	12	13	14	15	16	17
	pm	NW	END OF DAY	END OF DAY	END OF DAY	END OF DAY	NW	NW
4	am	18	19	20	21	22	23	24
	pm	NW	NW	NW	NW	NW	NW	NW
5	am	25	26	27	28	29	30	31
	pm	NW	NW	NW	END OF DAY	END OF DAY	END OF DAY	NW

Retain for one year after project ends. Title V sources are required to retain for five years after project ends.

** MID-DAY SWEEPING & CLEANING IS DONE AT ~~END OF~~
 ON A ROTATIONAL / AS-NEEDED BASIS*

Regulation VIII Record Keeping Form

Month:
December

FORM C: For Permanent / Long Term Dust Controls

Project Location: Stanislaus County City: Ceres, Turlock and Patterson Size: 137.3 ^{(Miles/}~~Acres)~~
 Owner: Pacific Gas & Electric Address: 375 N. Wiget Lane City: Walnut Creek Zip: 94598
 Contact Person: Ralph Roberts Title: Environmental Field Specialist Phone: (209) 323-9492

Permanent Activities

Describe the types of permanent dust controls implemented, the date, the activity, such as applying an organic dust suppressant, gravel, paving or a trackout control device. Add comments such as the amount used, where used, brand name.

Date	Dust Control Activity Performed (Gravel, paving)	Comments: Type of material, application rate.
12/28	Removed yard trackout - Rock	
12/29	Removed yard trackout & TRUCKER PROPERTY - Rock	
12/30	Removed Harding Road TRACKOUT - Rock	

Comments: _____

Retain for one year after project ends. Title V sources are required to retain for five years after project ends. Attach product information, maps and other specifications as appropriate unless already addressed in an approved or verified Fugitive PM10 Management Plan.

Regulation VIII Record Keeping Form

Month:
December

FORM D: Water Application onto Unpaved Roads & Equipment Areas

Project Location: Stanislaus County Size: 137.3 Miles ^{or Acres} (circle one)
 Owner: Pacific Gas & Electric Address: 375 N. Wiget Lane City: Walnut Creek Zip: 94598
 Contact Person: Ralph Roberts Title: Environmental Field Specialist Phone: (209) 323-9492

Use this form to document daily water applications at the same or different areas. Use additional forms, as necessary.

Date	Time	Area Treated	Distance, ^{Area} or Gallons Applied <i>ACRES</i>
12/1	All Day	YARD + ROW	82.73 80.49
12/2	All Day	YARD + ROW	80.49 70.36
12/4	All Day	YARD + ROW	70.36
12/5	All Day	YARD + ROW	70.36
12/6	All Day	YARD + ROW	70.36
12/7	All Day	YARD + ROW	60.51
12/8	All Day	YARD + ROW	59.58
12/9	All Day	YARD + ROW	53.68
12/10	All Day	YARD + ROW	34.64
12/13	All Day	YARD + ROW	30.66
12/14	All Day	YARD + ROW	7.55
12/15	All Day	YARD + ROW	Ø

Comments: _____

Retain for one year after project ends. Title V sources are required to retain for five years after project ends. Attach product information, maps and other specifications as appropriate unless already addressed in an approved or verified Fugitive PM10 Management Plan.

Ultra Low Sulfur Diesel Fuel Ledger

For Month Of: Dec. 2011

	Delivery Date	Quantity Gal.	Delivered To	Received From	Equip. #	Operating Hrs.
1	12/02/11	685	Snelson Companies Inc.	Van De Pol Enterprises Inc.		
2	12/06/11	1000	Snelson Companies Inc.	Van De Pol Enterprises Inc.		
3	12/14/2011	351	Snelson Companies Inc.	Van De Pol Enterprises Inc.		
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

VAN DE POL ENTERPRISES, INC.

Family & Locally Owned Since 1947

Distribution Centers:

(916) 442-0076 • Sacramento (209) 722-2752 • Merced
 (209) 465-3421 • Stockton (559) 233-7261 • Fresno
 (209) 667-0236 • Turlock (559) 698-7201 • Tranquility

P.O. Box 1107, Stockton, CA 95201-1107 • Accounting: (209) 944-9115 • Fax: (209) 466-1910 • Order Desk: (800) 736-3421

"Serving All of Your Petroleum Needs"

PAGE: 1

SALES ORDER

DATE: 12/2/2011

JNS

ORDER #: 0232419

SHIP DATE: 12/2/2011

ACCOUNT #: 0005141
 Snelson Companies Inc
 601 W State Street
 Sedro Woolley, WA 98284
 (360) 856-6511

SHIP TO:
 TK-2801 Commerce Wy
 TAXABLE ITEMS
 Turlock, CA 95380

CONTACT:

P.O.#: T10-1754 SHIP VIA: 63 BOB TERMS: Net 30 Days

ITEM NUMBER	WHSE	UNIT	ORDERED	SHIPPED	PRICE	AMOUNT
-------------	------	------	---------	---------	-------	--------

04	W20	GAL	500.00	340		
----	-----	-----	--------	-----	--	--

UltraLowSulfur Diesel #2-Bulk
 DIESEL FUEL, 3, NA 1993, PG III

This Diesel Fuel does not contain visible evidence of dye & the price does not include excise taxes.

345 > 685

- Fuel Tax Recap
- Federal Excise Tax - Diesel
- Federal LUST
- Federal Oil Spill Tax - Dsl
- CA Excise Tax - Diesel
- CA Oil Spill Fee
- Enviro Surcharge - Fuel

JOB:	<u>1484</u>
GL:	<u>51700</u>
USE TAX:	<u>(D)</u>
APPROVED:	<u>(D)</u>

10901

FOR CHEMICAL EMERGENCY - SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT: CALL VAN DE POL ENTERPRISES 800-722-6673, DAY OR NIGHT

RECEIVED BY: TJ [Signature]

DATE: 12-2-11

The purchase price is due and payable upon receipt of invoice and payable as shown under the terms of invoice, and unless paid by that due date, any unpaid balance shall be delinquent and subject to a finance charge applying a periodic rate of 1.5%. The ANNUAL PERCENTAGE RATE IS 18%. The finance charge stated herein is a charge for the credit sale of the goods purchased. It is part of the purchase price when such purchase price is paid for over time rather than when due. Delinquent accounts are costly to the seller to process and carry. The finance charge is an amount which both seller and purchaser agree represents a reasonable attempt to estimate a fair average compensation to the seller for such expense. The buyer and seller agree to presume that the finance charge is equal to the seller's expenses of processing and carrying a delinquent account and they agree that it would be impractical, or extremely difficult to fix the actual expenses.



VAN DE POL ENTERPRISES, INC.

Family & Locally Owned Since 1947

Distribution Centers:

(916) 442-0076 • Sacramento (209) 722-2752 • Merced
 (209) 465-3421 • Stockton (559) 233-7261 • Fresno
 (209) 667-0236 • Turlock (559) 698-7201 • Tranquility

P.O. Box 1107, Stockton, CA 95201-1107 • Accounting: (209) 944-9115 • Fax: (209) 466-1910 • Order Desk: (800) 736-3421

"Serving All of Your Petroleum Needs"

PAGE: 1
DDK

SALES ORDER

DATE: 12/6/2011
ORDER #: 0232991
SHIP DATE: 12/6/2011

ACCOUNT #: 0005141
Snelson Companies Inc
601 W State Street
Sedro Woolley, WA 98284
(360) 856-6511

SHIP TO:
TX-2801 Commerce Wy
TAXABLE ITEMS
Turlock, CA 95380

CONTACT:

P.O.#: *TID 1782* SHIP VIA: 63 *BOB* TERMS: Net 30 Days

ITEM NUMBER	WHSE	UNIT	ORDERED	SHIPPED	PRICE	AMOUNT
-------------	------	------	---------	---------	-------	--------

04	W20	GAL	500.00	<i>500</i>		
----	-----	-----	--------	------------	--	--

UltraLowSulfur Diesel #2-Bulk
DIESEL FUEL, 3, NA 1993, PG III

This Diesel Fuel does not contain visible evidence of dye & the price does not include excise taxes.

500
500 1019 AM
1000 TOTAL

- Fuel Tax Recap
- Federal Excise Tax - Diesel
- Federal LUST
- Federal Oil Spill Tax - Dsl
- CA Excise Tax - Diesel
- CA Oil Spill Fee
- Enviro Surcharge - Fuel

FOR CHEMICAL EMERGENCY -
 SPILL, LEAK, FIRE, EXPOSURE OR
 ACCIDENT:
 CALL VAN DE POL ENTERPRISES
 800-722-6673, DAY OR NIGHT

RECEIVED BY: *[Signature]* DATE: *12-7-11*

The purchase price is due and payable upon receipt of invoice and payable as shown under the terms of invoice, and unless paid by that due date, any unpaid balance shall be delinquent and subject to a finance charge applying a periodic rate of 1.5%. The ANNUAL PERCENTAGE RATE IS 18%. The finance charge stated hereon is a charge for the credit sale of the goods purchased. It is part of the purchase price when such purchase price is paid for over time rather than when due. Delinquent accounts are costly to the seller to process and carry. The finance charge is an amount which both seller and purchaser agree represents a reasonable attempt to estimate a fair average compensation to the seller for such expense. The buyer and seller agree to presume that the finance charge is equal to the seller's expense. It is extremely difficult to fix the actual expenses.



VAN DE POL ENTERPRISES, INC.

Family & Locally Owned Since 1947

Distribution Centers:

(916) 442-0076 • Sacramento (209) 722-2752 • Merced
 (209) 465-3421 • Stockton (559) 233-7261 • Fresno
 (209) 667-0236 • Turlock (559) 698-7201 • Tranquility

P.O. Box 1107, Stockton, CA 95201-1107 • Accounting: (209) 944-9115 • Fax: (209) 466-1910 • Order Desk: (800) 736-3421

"Serving All of Your Petroleum Needs"

PAGE: 1

SALES ORDER

DATE: 12/18/2011

CSC

ORDER #: 0284017

SHIP DATE: 12/18/2011

ACCOUNT #: 9095141
 Snelson Companies Inc
 601 W State Street
 Redro Woolley, WA 98294
 (360) 956-6511

SHIP TO:
 TX-2801 Commerce Wy
 TAXABLE ITEMS
 Turlock, CA 95360

CONTACT:

P.O.#: 710-1793 SHIP VIA: 62 B O B TERMS: Net 30 Days

ITEM NUMBER	WHSE	UNIT	ORDERED	SHIPPED	PRICE	AMOUNT
-------------	------	------	---------	---------	-------	--------

04	W20	GAL	300.00	351		
----	-----	-----	--------	-----	--	--

UltraLowSulfur Diesel #2-Bulk
 DIESEL FUEL, 2, NA 1993, PG III

This Diesel Fuel does not contain visible evidence of dye & the price does not include excise taxes.

- Fuel Tax Recap
- Federal Excise Tax - Diesel
- Federal LUST
- Federal Oil Spill Tax - Del
- CA Excise Tax - Diesel
- CA Oil Spill Fee
- Enviro Surcharge - Fuel

VEN#

JOB:	1484
GL:	
USE TAX:	51700
APPROVED:	<i>CB</i>

16901

FOR CHEMICAL EMERGENCY -
 SPILL, LEAK, FIRE, EXPOSURE OR
 ACCIDENT:
 CALL VAN DE POL ENTERPRISES
 800-722-6673, DAY OR NIGHT

RECEIVED BY: *JULIET*

DATE: 12-14-11

The purchase price is due and payable upon receipt of invoice and payable as shown under the terms of invoice, and unless paid by that due date, any unpaid balance shall be delinquent and subject to a finance charge applying a periodic rate of 1.5%. The ANNUAL PERCENTAGE RATE IS 18%. The finance charge stated herein is a charge for the credit sale of the goods purchased. It is part of the purchase price when such purchase price is paid for over time rather than when due. Delinquent accounts are costly to the seller to process and carry. The finance charge is an amount which both seller and purchaser agree represents a reasonable attempt to estimate a fair average compensation to the seller for such expense. The buyer and seller agree to presume that the finance charge is equal to the seller's expenses in processing and carrying a delinquent account and they agree that it would be impractical or extremely difficult to fix the actual expenses.

Summary of Diesel Construction Equipment Mitigation Determinations

For month of : Dec-2011

Item	Equipment Make & Model	Engine Make, Model, Rating	Tier 3 Engine (yes / no)	Days Expected Onsite	Excess Oil Consumption Expected (yes / no)	Adequate Exhaust Temp. (yes / no)	Adequate Installation Space (yes / no)	Is there an ARB Certified Soot Filter this engine (yes / no)	Mitigation Determination (ULSFO, Tier 3 engine, soot filter)
1	Catterpillar Pipelayer machine 561N	Catterpillar 3126 123 HP	No		No	No	No		ULSFO
2	Catterpillar Pipelayer machine 561N	Catterpillar 3126 123 HP	No		No	No	No		ULSFO
3	Catterpillar Pipelayer machine 561N	Catterpillar 3126 123 HP	No		No	No	No		ULSFO
6	Catterpillar Excavator 3360L	Catterpillar C9 480 HP	Yes	120	No	N/A	N/A	N/A	ULSFO
8	Catterpillar Grader 140H	Catterpillar 3176 132 HP	No	120	No				ULSFO
9	Catterpillar Extended Forklift	Perkins C4.4 87 HP	Yes	120	No	N/A	N/A	N/A	ULSFO
10	Catterpillar Backhoe 423E	Perkins 93 HP	Yes	120	No	N/A	N/A	N/A	ULSFO
12	Lincoln Welder Pipeliner 200D	Perkins 104.22 28.2 HP	No	120	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO
13	Lay-Mor Broom 6HC	Kubota V1505-ES01 19.7 HP	Yes	150	No	N/A	N/A	N/A	ULSFO
20	Atlas Compressor XAS185	Ihi Shibaura C2.2	Yes	120	No	N/A	N/A	N/A	ULSFO
26	Catterpillar Dozer D6NLGP	Catterpillar 3126 260 HP	No	150	No	N/A	N/A	N/A	ULSFO
28	Ingersoll-Rand Compressor 85	John Deere 48.2 HP	No	120	No	N/A	N/A	N/A	Exempt Less than 50 HP ULSFO

Diesel Engine Data Summary

For month of : Dec-2011

Item	Engine Make & Model	Engine Serial Number	Engine Mfr. Year	Engine Displacement (Liters)	Engine Rating (HP)	EPA / ARB Conformity Date	Tier 3 Engine Available	Operating Hrs. since last major overhaul	Exhaust Temp.	Contractor
1	Catterpillar Pipelayer machine 3126	BMA36984		7.2	123	12/21/2005	No	1497		Snelson
2	Catterpillar Pipelayer machine 3126	BMA31929		7.2	123	12/21/2005	No	2663		Snelson
3	Catterpillar Pipelayer machine 3126	RMA36868		7.2	123	12/21/2005	No	2532		Snelson
6	Catterpillar Excavator C9	THX27752		8.8	480	4/15/2009	Yes	16	N/A	Snelson
8	Catterpillar Grader 3176	3PD19305		10.3	132	12/7/2004	No	132		Snelson
9	Perkins Extended Forklift C4.4	44404186		4.4	87	12/21/2007	Yes	1597	N/A	Snelson
10	Perkins Backhoe	C4E04326		4.4	93	1/4/2008	Yes	646	N/A	Snelson
12	Perkins Welder 104.22			2.2	28.2		No		N/A	Kim Stanley
13	Kubota Broom V1505-ES01	6E9988		1.5	19.7	12/30/2005	No	665	N/A	Snelson
20	Ihi Shibaura Compressor C2.2	G7105570		2.2	49	1/26/2010	Tier 4	30	N/A	Snelson
26	Catterpillar Dozer 3126	BMA17822	2004	7.2	260	12/15/2003	No		N/A	Snelson
28	Djohn Deere Compressor	PE4024T075049		2.4	48.2	12/15/2005	No	925	N/A	Snelson

EXHIBIT 5

BIOLOGICAL RESOURCE MONITORING
REPORT

Biological Resources
Mitigation Monitoring for the
Turlock Irrigation District
Almond 2 Power Plant

MONTHLY COMPLIANCE REPORT #10 (BIO-2)

December 2011

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Almond 2 Power Plant
MONTHLY COMPLIANCE REPORT

December 2011

TABLE OF CONTENTS

INTRODUCTION1
MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS3
 Conditions of Certification (COC).....3
SUMMARY OF SITE ACTIVITIES.....4
 Power Plant Site Construction4
 Gas Pipeline Construction4
 Worker Environmental Awareness Program4
GENERAL DAILY NOTES AND OBSERVATIONS5

APPENDICES

- A Cumulative Wildlife Species Observed in or Near the Project Area
- B Representative Site Photographs

INTRODUCTION

The Almond 2 Power Plant (A2PP) is a nominal 174-megawatt (MW) facility consisting of three General Electric Energy LM6000PG SPRINT natural gas-fired turbine generators and associated equipment. The facility is located in the City of Ceres, Stanislaus County, California, on an approximately 4.6-acre parcel adjacent to the existing 48-MW Turlock Irrigation District (TID) Almond Power Plant.

The project site is north of the existing 48-MW Almond Power Plant, east of a WinCo Supermarket distribution warehouse, south of a farm supply facility, and various industrial facilities (mobile building distributor and drilling equipment storage laydown areas) are to the east. The project address is 4500 Crows Landing Road, Modesto, California. Although the address identifies the site in Modesto, it is located within the city limits of Ceres and is approximately 2 miles south from the Ceres city center. Modesto is approximately 5 miles to the north. The project site was previously used by WinCo as a borrow pit during construction of its distribution center and was backfilled and graded in 2008 using commercially available fill. The construction laydown and parking area is located adjacent to the western border of the site, within the WinCo property. An approximately 6.4-acre parcel is being used for both construction parking and laydown areas.

The A2PP will be interconnected to the TID transmission system via an approximately 1,110 foot long transmission line, which will extend south to the proposed Grayson Substation. The project will also require that TID re-rate 2.9 miles of an existing 69-kV sub-transmission line from the Almond Power Plant to the TID Crows Landing Substation that currently serves parts of the cities of Ceres and Modesto as well as surrounding rural areas.

Process water will be obtained by tying in to the existing process water line for the Almond Power Plant from the City of Ceres Wastewater Treatment Plant (WWTP). An existing well at the southeastern corner of the Almond Power Plant property will provide Service water for the facility. Potable water will be delivered to A2PP by a commercial water service.

Pacific Gas and Electric Company (PG&E) will design, construct, own, operate, and maintain a natural gas pipeline that will be constructed in part to serve the A2PP project. The alignment for PG&E's Line DFM 7216-03 is approximately 11.6 miles long and generally extends in a southerly direction from the existing Almond Power Plant boundary and joins with PG&E's existing natural gas pipeline, Line #215, at West Bradbury Road. In addition, a 1.8-mile-long segment of Line #215 will be reinforced along Prune Avenue on the western side of the San Joaquin River. This segment is referred to as the Reinforcement Segment. No work is planned within or under the river or on its banks. All pipeline water crossings occur under or in TID's managed canal and drain system. The construction right-of-way (ROW) for the pipeline would be 85 feet wide, and the permanent pipeline easement would be 50 feet wide. The pipeline would be installed in a relatively shallow trench; however, to cross under the Harding Drain, Crows Landing Road and other TID canals, drains, and improvement district canals and/or pipelines, a trenchless construction method will be used (i.e., horizontal directional drill, jack and bore or hammer bore) construction method will be used.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Protection measures were developed during informal and formal consultation with local, state, and federal agencies to minimize unavoidable project impacts. Project approval from the California Energy Commission (CEC) was on December 15, 2010 and included conditions that must be monitored by the Designated Biologist (DB). The DB or Biological Monitor (BM) will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP). The following report includes a summary of the A2PP monitored biological activities for December 2011.

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Mitigation measures for the A2PP project site were developed through consultation with the California Energy Commission (CEC), and state and federal agencies. Documentation of compliance with any conditions of the agency permits will be included in this section when required on the project.

Conditions of Certification (COC)

All COC's were in compliance for the month of December. The following COC's, Bio- 5, 6, and 7 were applicable compliance measures for the month of December 2011 and require specific language to be included in each monthly compliance report. Therefore each is addressed separately below.

BIO-5. States that every worker will attend and participate in the Worker Environmental Awareness Program (WEAP) and the DB and/or BM make weekly site visits to insure that BIO-5 was in compliance. During the month of December, the BM Victor Leighton verified project compliance with BIO-5.

BIO-6. States that implementation of BRMIMP measures shall be reported in the monthly compliance reports by the DB (i.e., survey results, construction activities that were monitored, species observed). A written monthly report was prepared by the BM Victor Leighton and Todd Ellwood for the month of December and identifies survey results and construction activities (General Notes and Observations) and species observed (Appendix A).

BIO-7. Addresses the implementation and application of biological impact and avoidance measures, Best Management Practices (BMPs), Stormwater Pollution Prevention Plan (SWPPP), and staking and flagging of exclusion zones of biological resources. Also, every worker must participate in the WEAP and the DB and/or BM are to make weekly site visits to insure that BIO-7 was in compliance. During the month of December, the BM Victor Leighton verified project compliance with BIO-7.

SUMMARY OF SITE ACTIVITIES

This section provides a summary of December 2011 project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. The BM Victor Leighton provided oversight during the month of December completed logs summarizing activities, personal interactions, and observations made during each site visit. These logs are available on request.

Power Plant Site Construction

A2PP project site construction in December included electrical and gas ducting; installation of structures associated with the three Selective Catalytic Reduction Units (SCR); wire installation for the three SCR units and associated facilities; construction of the gas metering station; underground drainage trenching; chain link fence installation around electrical substation; upkeep of sediment fence and SWPPP measure installation; and maintenance of winterization BMP's (for example, hydroseeding of stormwater basins) and sediment fence for the A2PP site and Winco Foods property. Monitoring and weekly site visits were performed by Mr. Leighton as required within the COC's to document permit compliance.

Gas Pipeline Construction

PG&E natural gas pipeline construction was completed in December, which included final tie-ins on the west and east ends of the 24-inch reinforcement pipeline, restoration of 24-inch pipeline, installation of deep well anode, and final backfill of the valve station at Bystrum Road and Fulkerth Avenue. Monitoring and weekly site visits by Mr. Leighton were conducted in sensitive resource areas as required within the COC's or weekly in non-sensitive areas to document permit compliance.

Worker Environmental Awareness Program

The Worker Environmental Awareness Program (WEAP) was developed exclusively for the A2PP project. Program materials include a worker handbook, training video, posted speed limit signs and sensitive species awareness supporting posters. As required by the CEC COC BIO-5, all new employees must attend the WEAP. A total of 10 personnel received WEAP training in December with a cumulative total of 674 employees trained to date. The PMI Safety Supervisor administered the WEAP training to 10 new employees on the A2PP site. PG&E's Assistant Project Manager administered the WEAP training to no new employees for the gas pipeline construction. Signed affidavits are kept on file by the PMI Safety Supervisor and PG&E's Assistant Project Manager in their respective site trailers. A copy of all training is kept by Susan Strachan, TID's Compliance Project Manager.

GENERAL DAILY NOTES AND OBSERVATIONS

During December the BM, Victor Leighton, covered daily and weekly project biological oversight. The monitoring efforts are documented below. A general location by road names is used herein to aid in general location of identified activities. No wildlife issues or interactions occurred for the month of December; therefore, there are no wildlife observations forms included with this report. Representative Photographs are included in Appendix B.

On December 1st, BM Victor Leighton was on site to conduct a weekly inspection of the A2PP plant site and 24-inch gas pipeline tie-in locations. PG&E and Snelson Construction work crews were installing a “T” fitting to connect the new 24-inch reinforcement pipeline to PG&E’s existing Line 215 on the western end of Prune Avenue. On the eastern end of the 24-inch alignment a separate crew was finalizing the installation of valve bodies and fittings for interconnection with Line 215 to complete the reinforcement section of the 24-inch pipeline (Appendix B, Photos 1 and 2). The BM talked to PG&E’s Chief Inspector Evan Rohrer about completion dates and final site restoration of the two tie-in locations. Mr. Rohrer stated that work is scheduled for completion at the two locations by the end of the week. The gas pipeline construction was in compliance with all biological resources COCs.

A2PP Site Inspection (December 1st): The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the site visit. No issues or questions were raised during these interactions. Chain-link fencing was being installed around the electrical substation as well as ongoing work on the SCR’s, gas yard, and substation. No compliance issues were observed during the site inspection; therefore, the A2PP project site was in compliance with all biological resources COCs (Appendix B, Photos 3 and 4).

On December 7th, BM Victor Leighton was on site to conduct weekly inspections of the A2PP plant site and to check on the completion and restoration of the 24-inch pipeline at the eastern and western tie-in locations. Restoration of both the eastern and western ends of the 24-inch alignment had been completed. Construction crews were completing road repairs along Prune Avenue on the western end of the 24-inch alignment. At the eastern tie-in location, backfilling was being finalized. The valve installed on the 16-inch pipeline at Fulkerth Road and Bystrum Road was receiving final backfill and compaction. The gas pipeline construction was in compliance with all biological resources COCs.

A2PP Site Inspection (December 7th): The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the site visit. No issues or questions were raised during these interactions. Chain-link fencing around the electrical substation was completed, and work was ongoing at the SCR’s and gas yard. Sub-grading and installation of underground drainages for the site were also ongoing. No compliance issues were observed during the site inspection; therefore, the A2PP project site was in compliance with all biological resources COCs.

December 12th, BM Victor Leighton was on site to conduct weekly inspections of the A2PP plant site and to conduct a biological resources survey for two deep-well anode locations within

the existing disturbed pipeline easement. The deep well anode location south of Linwood Avenue and just north of Monte Vista Avenue were inspected and both were found to be clear of environmental concerns. Travis King, PG&E's Assistant Project Manager, was contacted by the BM with authorization for anode work to proceed at the two locations (Appendix B, Photo 5 and 6).

A2PP Site Inspection (December 12th): The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the site visit. No issues or questions were raised during these interactions. Work on site includes ongoing work on the SCR's, gas yard, sub-grading, and installation of underground drainages for the site. No compliance issues were observed during the site inspection; therefore the A2PP project site was in compliance with all biological resources COCs.

On December 21st, The BM Victor Leighton was on site to conduct weekly inspections of the A2PP plant site and to conduct a final inspection of the 24-inch pipeline tie-ins for restoration completeness. Tie-ins of the 24-inch reinforcement pipeline to PG&E Line 215 and restoration of the site and road repairs to Prune Avenue were completed and restoration finished in a proper manner. The gas pipeline construction was in compliance with all biological resources COCs. For site photos of completed tie-in locations, see Appendix B, Photo 7 through 9.

A2PP Site Inspection (December 21st): The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the survey. No issues or questions were raised during these interactions. Work on site includes ongoing work on the SCR's, gas yard, grading, and installation of underground drainages for the site. No compliance issues were observed during the site inspection; therefore the A2PP project site was in compliance with all biological resources COCs.

On December 28th, The BM Victor Leighton was on site to conduct weekly inspections of the A2PP plant site and check in with PG&E at the Turlock construction yard. ETIC was removing track-out rock from the entrance into the Snelson/PG&E Turlock construction yard. PG&E Assistant Chief Inspector Steve Bromley was on site. The BM discussed future work, issues or concerns. No new work was identified for the pipeline.

A2PP Site Inspection (December 28th): The BM contacted key construction personnel during the site inspection to address any issues or concerns at the time of the survey. No issues or questions were raised during these interactions. Site work included ongoing construction of the SCR's and gas yard, and sub-grading and installation of underground drainages for the site (Appendix B, Photo 10). No compliance issues were observed during the site inspection; therefore, the A2PP project site was in compliance with all biological resources COCs.

APPENDIX A

**Cumulative Wildlife Species Observed In or Near
the Project Area**

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
BIRDS		
American white pelican	<i>Pelecanus erythrorhynchos</i>	Pipeline route
Double crested cormorant	<i>Phalacrocorax auritus</i>	Pipeline route
Greater white-fronted goose	<i>Anser albifrons</i>	Fly over
Canada goose	<i>Branta canadensis</i>	Pipeline route
Mallard	<i>Anas platyrhynchos</i>	TID stormwater pond
Northern shoveler	<i>Anas clypeata</i>	Fly over
Lesser scaup	<i>Aythya affinis</i>	Fly over
Canvasback	<i>Aythya valisineria</i>	Fly over
Common merganser	<i>Mergus merganser</i>	Fly over
Ruddy duck	<i>Oxyura jamaicensis</i>	Pipeline route
White-faced ibis	<i>Plegadis chihi</i>	Pipeline route
Great blue heron	<i>Ardea herodias</i>	Pipeline route
Green heron	<i>Butorides virescens</i>	Pipeline route
Great egret	<i>Ardea alba</i>	TID pond
Snowy egret	<i>Egretta thula</i>	Pipeline route
Turkey vulture	<i>Cathartes aura</i>	Fly over
White-tailed kite	<i>Elanus leucurus</i>	Pipeline route
Northern harrier	<i>Circus cyaneus</i>	Pipeline route
Cooper's hawk	<i>Accipiter cooperii</i>	Pipeline route
Sharp-shinned hawk	<i>Accipiter striatus</i>	Fly over
Red-shouldered hawk	<i>Buteo lineatus</i>	Pipeline route
Red-tailed hawk	<i>Buteo jamaicensis</i>	Project site and laydown areas Also Dark Morph variety at Carpenter Rd and West Bradbury Rd
Swainson's hawk	<i>Buteo swainsoni</i>	Pipeline route
American kestrel	<i>Falco sparverius</i>	A2PP and laydown areas
Peregrine falcon	<i>Falco peregrinus</i>	A2PP at Pipeline route
Merlin	<i>Falco columbarius</i>	Pipeline route
Sandhill crane	<i>Grus canadensis</i>	Fly over
Killdeer	<i>Charadrius vociferus</i>	A2PP and laydown areas
Blackneck stilt	<i>Himantopus mexicanus</i>	Pipeline route
American avocet	<i>Recurvirostra americana</i>	Pipeline route
Greater yellowlegs	<i>Tringa melanoleuca</i>	TID stormwater pond
Lesser yellowlegs	<i>Tringa flavipes</i>	Pipeline route
Long-billed curlew	<i>Numenius americanus</i>	Fly over
Least sandpiper	<i>Calidris minutilla</i>	Pipeline route
Wilson's phalarope	<i>Phalaropus tricolor</i>	Pipeline route
Ring-billed gull	<i>Larus delawarensis</i>	Transmission line route
Herring gull	<i>Larus argentatus</i>	Transmission line route
California gull	<i>Larus californicus</i>	Transmission line route
Bonaparte's gull	<i>Larus philadelphia</i>	Transmission line route

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
Rock pigeon (<i>Exotic</i>)	<i>Columba livia</i>	A2PP and laydown areas
Mourning dove	<i>Zenaida macroura</i>	A2PP and pipeline route
Great horned owl	<i>Bubo virginianus</i>	Pipeline route
Anna's hummingbird	<i>Calypte anna</i>	Pipeline route
Belted kingfisher	<i>Ceryle alcyon</i>	Pipeline route
Northern flicker	<i>Colaptes auratus</i>	Pipeline route
Nuttall's woodpecker	<i>Picoides nuttallii</i>	Pipeline route
Black phoebe	<i>Sayornis nigricans</i>	Pipeline route
Say's phoebe	<i>Sayornis saya</i>	Pipeline route
Western kingbird	<i>Tyrannus verticalis</i>	Pipeline route
Loggerhead shrike	<i>Lanius ludovicianus</i>	Pipeline route
Western scrub-jay	<i>Aphelocoma californica</i>	A2PP, canal, transmission line and pipeline route
Yellow-billed magpie	<i>Pica nuttalli</i>	Pipeline route
American crow	<i>Corvus brachyrhynchos</i>	A2PP, canal, transmission line and pipeline route
Common raven	<i>Corvus corax</i>	Pipeline route
Horned lark	<i>Eremophila alpestris</i>	Laydown areas and pipeline route
Tree swallow	<i>Tachycineta bicolor</i>	Pipeline route
Barn swallow	<i>Hirundo rustica</i>	Pipeline route
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	Pipeline route
Marsh wren	<i>Cistothorus palustris</i>	Pipeline route
House wren	<i>Troglodytes aedon</i>	Pipeline route
American robin	<i>Turdus migratorius</i>	Pipeline route
Northern mockingbird	<i>Mimus polyglottos</i>	Laydown areas and pipeline route
European starling (<i>Exotic</i>)	<i>Sturnus vulgaris</i>	Canal, laydown areas, and pipeline route
American pipit	<i>Anthus rubescens</i>	A2PP Footprint
Yellow warbler	<i>Dendroica petichia</i>	Pipeline route
Lark sparrow	<i>Chondestes grammacus</i>	Pipeline route
Savannah sparrow	<i>Passerculus sandwichensis</i>	Pipeline route
Song sparrow	<i>Melospiza melodia</i>	Pipeline route
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	A2PP, Canal and pipeline route
Red-winged blackbird	<i>Agelaius phoeniceus</i>	Pipeline route
Tricolored blackbird	<i>Agelaius tricolor</i>	Fly over
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	Pipeline route
Yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>	Pipeline route
Western Meadowlark	<i>Sturnella neglecta</i>	Pipeline route.
Brown-headed cowbird	<i>Molothrus ater</i>	Pipeline route
Blue grosbeak	<i>Passerina caerulea</i>	Pipeline route
House finch	<i>Carpodacus mexicanus</i>	Almond Power Plant and pipeline route
American goldfinch	<i>Carduelis tristis</i>	Pipeline route
House sparrow (<i>Exotic</i>)	<i>Passer domesticus</i>	Pipeline route

Cumulative Wildlife Species Observed in or Near the A2PP Project Area

Common Name	Scientific Name	Comments
MAMMALS		
Audubon's cottontail	<i>Sylvilagus audubonii</i>	Laydown areas and remains found and one killed on A2PP
Black-tailed hair	<i>Lepus californicus</i>	A2PP
California vole	<i>Microtus californicus</i>	A2PP and laydown areas.
Botta's pocket gopher	<i>Thomomys bottae</i>	A2PP (one dead and 3 live exposed during earth moving activities)
California ground-squirrel	<i>Spermophilus beecheyi</i>	Pipeline route, transmission line
Mink	<i>Mustela vison</i>	Prairie Flower Drain
Striped skunk	<i>Mephitis mephitis</i>	Pipeline route
REPTILES		
Western fence lizard	<i>Sceloporus occidentalis</i>	Pipeline route
Pacific gopher snake	<i>Pituophis catenifer catenifer</i>	A2PP laydown areas several killed on the A2PP site
Western pond turtle	<i>Emys marmorata</i>	Harding Drain west of Crows Landing

* Indicates new observance or additional information

APPENDIX B

Representative Site Photographs



#1. A view south of the contractor installing and welding pipeline "T" segment to tie-in to PG&E's existing Line 215 at the western end of the 24-inch reinforcement pipeline.



#2. A view of PG&E and contractor crews installing final valving associated with the 24-inch reinforcement pipeline at the eastern tie-in to PG&E's L-215.



#3. A view northwest from southeast corner of A2PP's new substation of perimeter chainlink fence installation.



#4. A view of northeast from the southwest corner of the main site pad of ongoing work at the SCR's.



#5. A view northeast of the proposed deep well anode location just north of Monte Vista Avenue along the 16-inch gas pipeline.



#6. A view south of the proposed deep well anode location just south of Linwood Avenue along the 16-inch gas pipeline.



#7. A view west of the east end of completed restoration of the 24-inch pipeline and tie-in with PG&E's L-215.



#8. A view west (taken just south of Photo #7) of the east end of restoration at the 24-inch pipeline tie-in to L-215.



#9. A view west of completed restoration of the 24-inch tie-in to PG&E's Line 215 on the western end of Prune Avenue.



#10. A view northeast from the southwest corner of the main pad side of completed chain link fence around A2PP's new electrical substation.

EXHIBIT 6

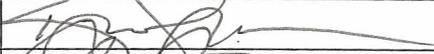
WEAP ACKNOWLEDGEMENT FORMS

Date DEC 5, 2011

Almond 2 Power Plant Project

Certification of Completion Worker Environmental Training on Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
BRIAN LONGDEN	HOTLINE	
JERRY BLOOM	HOTLINE	

Fifteen signatures per page.

Date Dec 6, 2011

Almond 2 Power Plant Project

Certification of Completion Worker Environmental Training on Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Josh Hughes	G.E	Josh Hughes

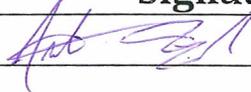
Fifteen signatures per page.

Date Dec 7, 2011

Almond 2 Power Plant Project

Certification of Completion Worker Environmental Training on Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
ANTHONY BOND	COLLINS ELECTRIC	

Fifteen signatures per page.

Date Dec 8, 2011

Almond 2 Power Plant Project

Certification of Completion Worker Environmental Training on Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Timothy Wright	PMI	

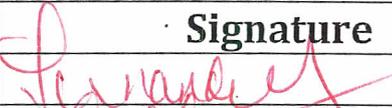
Fifteen signatures per page.

Date Dec 13, 2011

Almond 2 Power Plant Project

Certification of Completion Worker Environmental Training on Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Fernando Gonzalez	Cherac	
DAVID PENNEY	DANCO	

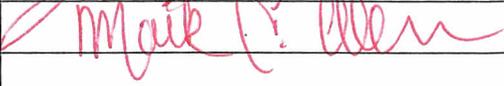
Fifteen signatures per page.

Date Dec 19, 2011

Almond 2 Power Plant Project

Certification of Completion Worker Environmental Training on Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
JOHN HARRIS	Collins	
MARK HUEL	COLLINS	

Fifteen signatures per page.

Date Dec 27, 2011

Almond 2 Power Plant Project

Certification of Completion Worker Environmental Training on Biological, Cultural, and Paleontological Resources and Stormwater Management

This is to certify that you have completed a mandatory California Energy Commission approved Worker Environmental Awareness Program (WEAP) training on biological, cultural, and paleontological resources. . The training program also includes information on stormwater management as required by the State Water Resources Control Board, as part of its General Construction Permit. This training is required for all personnel working on the project site, transmission lines, gas pipeline, or gas pipeline reinforcement segment. Your signature below indicates that you understand and shall abide by the guidelines set forth in the program materials.

Name	Company	Signature
Collins		
David Mingham	Collins	David Mingham

Fifteen signatures per page.

EXHIBIT 7

PALEONTOLOGIC RESOURCES MONITORING
REPORT

Almond 2 Power Project (A2PP) Paleontological Resources Monitoring of Construction Activities in December, 2011

PREPARED FOR: Susan Strachan, Strachan Consulting
Sarah Madams, CH2M HILL

PREPARED BY: James R. Verhoff, Staff Paleontologist
W. G. Spaulding, Ph.D., Paleontological Resources Specialist (PRS)

DATE: January 3, 2012

Personnel Active in Paleontological Monitoring This Period:

Jaspal Saini - Paleontological Resources Monitor (PRM)

Training Conducted This Month (PAL-4)

All construction and environmental personnel continue to receive the CEC approved Paleontological Resources Awareness Module of Worker Environmental Awareness Training prior to working on this project. In addition, a poster has been provided that shows the stratum most likely to yield paleontological material in this project area.

Monitoring Conducted This Month (PAL-5)

Because no excavations into potentially fossiliferous sediments were conducted this month, no monitoring was conducted.

Paleontological Discoveries This Month

No paleontological discoveries were made this month.

Anticipated Future Activities

Excavations for the A2PP project in paleontologically sensitive sediment have been completed; therefore no further paleontological resources monitoring will be conducted at the site. Identification of the fossils from the limited find along the Harding Drain ROW is anticipated to be completed in the next reporting period. In addition, preparation of the PRR has begun.

Comments, Issues or Concerns

No issues or concerns are outstanding at this time. Because no further excavations into potentially fossiliferous sediment will be conducted, and the PRR is being prepared, it is proposed that this be the last monthly compliance report for this project.

EXHIBIT 8

SAFETY SUPERVISORS MONTHLY REPORTS



Performance Mechanical, Inc.
General Engineering Contractor
California License No. 475516



December 2011 Compliance Report

Prepared by: Fernando Cervera – Project Engineer

Project: Almond 2 Power Plant
4500 Crows Landing Road
Modesto, CA 91613

Project start date: February 28, 2011

Hours of operation: 7 AM to 3:30 PM Monday thru Friday

Total TID and SSSAP trained

10

Incident Status:

<u>Status</u>	Near miss	First aid	First aid lost time	Recordables
December	0	2	0	0
YTD	5	5	0	0

FIRST AID INCIDENTS

12-21-11: Using cordless drill on cable tray when drill bit jammed it pressed his thumb between drill motor and cable tray; received a small laceration. At time of incident injured worker was wearing gloves; was treated and RTW.

12-30-11: Drilling holes in structural steel for a "U" shape support and a 1/4" screw broke during tightening with a wrench. Minor bruise was produced when his hand hit a cable tray. At time of incident injured worker was wearing gloves. Was treated and RTW.

Man Hours: December hours: 16,036
Year To Date hours: 162,511

Project Status: Overall percent complete **86%**

PMI, Mechanical 87.4%

OVERAA, Civil 100%

COLLINS, Electrical and Instrumentation 84.2%

APC, Site work 68%

Misc. Subs (insulation, paint, security, equipment, nde, fence, etc.) 82%

Oriented contractors:

PMI – APC – Collins Electric – North Star – TRB – IEC – CH2MHILL – Overaa – Harris Rebar - Kleinfelder - All Phase (security) – TID – Maxim Crane – GE – Quality Erectors - ETI – Hotline Brand Scaffold – Sheedy Crane – Waukesha – Hanson Paint – HART – American Air Filters

Safety Summary:

Safety stopped work for All Steel Fence as they were drilling fence post pier holes in the switch yard. Since there is a buried 480volt line near their work.

All Hands Meeting attended by all construction workers is held every Monday. Safety topics discussed during the month of December included the following:

- Reoccurring:
 - Ladders not tied off, take down if no longer used and use the right ladder for the job.
 - Shut down welding machines at day's end.
- Housekeeping.
- OSHA top 25 violations.
- Safety glasses.....clear glasses during the morning hours in lieu of dark glasses.
- Safety tips for the holidays.
- Weather.....off the job safety (season for heavy fog).

Recognize 2 people that helped with the fence (Winco delivery truck tore down a large section of fence on the TID paved drive last week) during the early morning with heavy fog. Winco gave praise to these workers....\$10 gift cards issued by PMI.

Safety results for December:

All contractors:

Housekeeping!!!

APC:

Employee not wearing safety glasses
Attempting to use a grinder without handle
Not wearing foot protection while compacting
Employee not wearing gloves
Replace defective choker

Collins Electric:

Safety glasses not worn (frequency noted in the morning)
Ladders not tied off
Ladders not taken down after use

Hot Line:

Employee not wearing safety glasses

PMI:

(BM) Standing on plastic bucket while using a grinder to cut off metal straps on wood container

(PF) Using a small wooden wire spool as a step to access the generator

(PF) Face shield not used while grinding

All Steel Fence Erectors:

Employee not wearing safety glasses (2 times same employee)

Standing on top rung of ladder

Hanson Painting:

None

Overaa:

None

End of report.

Sacramento Office

6001 Midway Street
Sacramento, CA 95828
(916) 421-4087 Ph, (888) 841-6156 Fax

Corporate Office

701 Willow Pass Road, Suite 2
Pittsburg, CA 94565
(925) 432-4080 Ph, (925) 432-4141 Fax
0218 Fax

Los Angeles Office

17925 S. Broadway
Gardena, CA 90248
(310) 327-3205 Ph, (310) 516-

TID - Almond 2 Power Plant Inspection Log

No.	Date	Description of area of work:	Comment(s)	Signed off	CBO Approval
1066	11/21/11	SD East Side - Hydro	Seperator to first DI	11/21/11	Doug Simms
1067	11/22/11	SCR #4 - Ground Grid		11/22/11	Doug Simms
1068	11/22/11	FGC Yaed - Ground Grid		11/22/11	Doug Simms
1069	11/22/11	SD East Side - Hydro	Two Sections to Pole	11/22/11	Doug Simms
1070	11/23/11	FGC Yard - Ground Grid		11/23/11	Doug Simms
1071	11/23/11	SD East Side - Concrete at DI's		11/23/11	Doug Simms
1072	11/23/11	A1PP - Trench Warning Tape		11/23/11	Doug Simms
1073	11/23/11	SCR #2 - Amonia Dist. Press. Test		12/06/11	Doug Simms
1074	11/29/11	SCRs - Misc small pads	See Inspection Report	11/29/11	Doug Simms
1075	11/29/11	CTG #2,3 GSU #4 - Ground Grid		11/29/11	Doug Simms
1076	11/29/11	SST 1,2 - Dry Pack Duct Supports		11/29/11	Doug Simms
1077	11/29/11	SD CTG #2,3 - Hydro Test	2 Sections of 3	11/29/11	Doug Simms
1078	11/30/11	Ductbank B - Conduit		11/30/11	Doug Simms
1079	11/30/11	Ductbank C - Conduit Risers		11/30/11	Doug Simms
1080	11/30/11	Ductbank M - Conduit Risers		11/30/11	Doug Simms
1081	11/30/11	Ductbank B - Concrete		11/30/11	Doug Simms
1082	11/30/11	Ductbank C - Concrete		11/30/11	Doug Simms
1083	11/30/11	Ductbank M1 - Concrete		11/30/11	Doug Simms
1084	12/01/11	SD Line @ Unit 3 - Hydro		12/01/11	Doug Simms
1085	12/01/11	CTG #4 - Ground Cad Welds		12/01/11	Doug Simms
1086	12/02/11	Fire Hyd. Mods - Serv. Test		12/02/11	Doug Simms
1087	12/05/11	SD North Side - Hydro		12/06/11	Doug Simms
1088	12/06/11	North Fence - Ground Rods		12/06/11	Doug Simms
1089	12/06/11	A1PP - Trench Warning Tape		12/06/11	Doug Simms
1090	12/06/11	GSU #3 - Ground Grid		12/06/11	Doug Simms
1091	12/06/11	3 Modified Hyd. - Thrust Blocks		12/06/11	Doug Simms
1092	12/06/11	GSU #2 - Ground Grid		12/06/11	Doug Simms

TID - Almond 2 Power Plant Inspection Log

No.	Date	Description of area of work:	Comment(s)	Signed off	CBO Approval
1093	12/06/11	Rebar and Forms Misc Conc	See Inspection Report	12/09/11	Doug Simms
1094	12/06/11	SD North Side - Hydro		12/06/11	Doug Simms
1095	12/06/11	SA Tank - Epoxy Anchor Pipe Supp.		12/06/11	Doug Simms
1096	12/06/11	SCR #2 Amonia Header - Air Test		12/06/11	Doug Simms
1097	12/07/11	Catch Basins Units 2,3,4 - Rebar		12/07/11	Doug Simms
1098	12/07/11	Hydrants 1,2,5 - Backfill, Drain Rock		12/07/11	Doug Simms
1099	12/07/11	Catch Basins Units 2,3,4 - Concrete		12/07/11	Doug Simms
1100	12/07/11	SCR #3 - Amon. Rsr. Press. Test		12/07/11	Doug Simms
1101	12/09/11	Generator Slabs, Misc Conc Suppts.	Re Bar and Forms	12/09/11	Doug Simms
1102	12/09/11	Generator Slabs, Misc Conc Suppts.	Conc. Placement	12/09/11	Doug Simms
1103	12/09/11	Epoxy Anchors	See Inspection Report	12/09/11	Doug Simms
1104	12/13/11	Fire Alarm Conduit PIV GSU #2		12/13/11	Doug Simms
1105	12/13/11	Ground Grid Repair @East Road		12/13/11	Doug Simms
1106	12/13/11	SWYD Cable Tray Sup. - Dry Pack		12/13/11	Doug Simms
1107	12/13/11	Misc. Fuel Gas Spools - Test		12/13/11	Doug Simms
1108	12/13/11	RO, Demin Piping Sup. - Epoxy Anch.		12/13/11	Doug Simms
1109	12/13/11	CTG #4 - Grnd Grid Repairs		12/13/11	Doug Simms
1110	12/14/11	SST, Aux Trans, Anti Icing - Grout		12/14/11	Doug Simms
1111	12/14/11	Gen. Brkr 2,3,4 - Door Landing	Rebar and forms	12/14/11	Doug Simms
1112	12/15/11	Fuel Gas Spools - Press. Test		12/15/11	Doug Simms
1113	12/15/11	CTG #2 - Fuel Pipe Sup. Epoxy		12/15/11	Doug Simms
1114	12/15/11	Gen. Brkr 2,3,4 - Door Landing	Concrete	12/15/11	Doug Simms
1115	12/16/11	PCM #2 - Fire Monitoring Conduits		12/16/11	Doug Simms
1116	12/16/11	Switchyard - Ground East Side Fence		12/16/11	Doug Simms
1117	12/16/11	Dry Pack Various Locations	No Drypacking Done	12/16/11	Doug Simms
1118	12/16/11	FGC #2 - Press. Test Lube Oil		12/16/11	Doug Simms
1119	12/21/11	FGC #3 - Press. Test Lube Oil		12/21/11	Doug Simms

TID - Almond 2 Power Plant Inspection Log

No.	Date	Description of area of work:	Comment(s)	Signed off	CBO Approval
1120	12/21/11	Demin Water Pumps - Epoxy Anch.		12/21/11	Doug Simms
1121	12/21/11	Security, Lighting Conduits	East Fence	12/21/11	Doug Simms
1122	12/22/11	East Fence - Security Conduit Backfill		12/22/11	Doug Simms
1123	12/22/11	Concrete Collars @ Fire Hydrants		12/22/11	Doug Simms
1124	12/22/11	Fuel Compressor - UG Lighting Cond.		12/22/11	Doug Simms
1125	12/22/11	Fuel Compressor - UG Lighting Cond.	Concrete Encase	12/22/11	Doug Simms
1126	12/27/11	Fuel Compressor - UG Lighting Cond.	Backfill	12/27/11	Doug Simms
1127	12/27/11	Demin Water Pumps - Grout		12/27/11	Doug Simms
1128	12/27/11	CTG #3 - Epoxy Fuel Pipe Supp.		12/27/11	Doug Simms
1129	12/27/11	Serv. Air System - Blow and Serv. Test		12/27/11	Doug Simms
1130	12/28/11	SCR # 2,3,4 - Epoxy Anchors	Pipe Support for Drain	12/28/11	Doug Simms
1131	12/28/11	CTG #2 - Dry Packing	Pipe Support for Water System	12/28/11	Doug Simms
1132	12/28/11	FGC #3 - Lube Oil Line Test		12/28/11	Doug Simms
1133	12/29/11	Anti Icing Skid - Grout		12/29/11	Doug Simms
1134	12/29/11	Gas Comp. Yard - Security Conduits		12/29/11	Doug Simms
1135	12/29/11	Gas Comp. Yard - Ground Grid		12/29/11	Doug Simms
1136	12/30/11	CTG #4 - Fuel Gas Pipe Supp. Anch.	12 Epoxy Anchors	12/30/11	Doug Simms
1146					
1147					
1148					
1149					
1150					
1151					
1152					
1153					
1154					
1155					

Monthly CEC Project Workers Safety Report**Project:** Almond Two Power Project 09-AFC-2**Report Period:** December 2011**Prepared by Inspector of Record:** Taner Pamuk

1. Executive Summary of the Workers Safety Management

- ❖ The contractor PMI continued to hold weekly safety tailgate meetings
- ❖ The contractor PMI's safety manager performed daily walk-through inspections

2. Field Condition and Observations

The CBO safety representative continued to bring observed safety concerns to the attention of the project safety personnel and / or project personnel during the site visits of this month, and in some cases on-spot corrections were made as necessary.

The amount of the workforce was reduced to less than 100 employees through the end of this month. The work activities mainly included cable pulling, High-potential testing, installment of drainage, testing of underground utilities, site grading and leveling and miscellaneous piping works.

End of job awareness is very critical at this stage of the job due to unseen hazards and getting accustomed with the work activities. It was observed that one area was red taped, though it was not fully enclosed and with no immediate existing danger in the area. This gave a wrong message to the employees who were entering in and out of the area. This is an important item since the project is getting close to the commissioning.

The overall conditions were improved especially regarding the housekeeping through the end of the month.

It is also important to continue to enforce safety rules and to perform interval inspections of all tools and equipment for the first quarter of the New Year.



Photo# 1 – General view of one of the units



Photo# 2 – Working around the man-vaults



Photo# 3 – Ensuring the correct usage of red danger tape



Photo# 4 – Ensuring the removal of debris from site at the end of each work shift

3. Observed Unsafe Conditions and Corrective Actions Taken



Correction Required

Access / egress concern

Standard

8 CCR 1629 (a)(3)

Corrective Action Requested

Ensure that safe access and egress are provided while entering enclosed units

Ongoing, temporary barricade installed.

	<p>Correction Required Impalement hazard: from stakes Tripping hazard created by snow fencing on the ground</p> <p>Standard 8 CCR 1712 (c) 8 CCR 1513</p> <p>Corrective Action Requested Ensure use of rebar caps Avoid putting down the snow fence</p> <p>RESOLVED</p>
	<p>Correction Required Delineating excavated areas (shallow trench)</p> <p>Standard 8 CCR 1541 (j)(2)</p> <p>Corrective Action Requested Ensure that snow fencing around excavated areas are well maintained and snow fencing is kept at least 2 feet from the edge of excavation</p> <p>RESOLVED</p>
	<p>Correction Required Noted that cable drum and a lumber were used as a step to enter enclosures</p> <p>Standard 8 CCR 1629 (a)(3)</p> <p>Corrective Action Requested Ensure proper access to enclosures (CT and Generator)</p> <p>RESOLVED</p>

	<p>Correction Required Noted that an employee stepping onto the middle-rail of a scissor lift to gain elevation</p> <p>Standard 8 CCR 3646 (2)(e)</p> <p>Corrective Action Requested Avoid stepping onto rails and extending out the platform</p> <p>RESOLVED</p>
	<p>Correction Required Noted that some welders were wearing soft hoods on site while performing welding next to the units where others were working on top of the units. Note that this is a construction site, not a pipe line.</p> <p>Standard 8 CCR 3381</p> <p>Corrective Action Requested Use of soft hoods: re-assess the areas and identify the PPE requirements for welder</p>
	<p>Correction Required Housekeeping concerns</p> <p>Standard 8 CCR 1513 (f)</p> <p>Corrective Action Requested Ensure housekeeping with performing clean-up after each work-shift</p> <p>RESOLVED</p>

EXHIBIT 9

COMPLIANCE MATRIX

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-SC1 (Part 2 of 2)	Constr	Air Quality Construction Mitigation Manager (AQCM): The project owner shall designate and retain an on-site AQCM who shall be responsible for directing and documenting compliance with conditions AQ-SC3, AQ-SC4 and AQ-SC5 for the entire project site and linear facility construction.	The AQCM shall not be terminated without written consent of the compliance project manager (CPM).	N/A	If occurs	TID		7/20/11	8/4/11	Ongoing	The AQCM and AQCM delegates shall have full access to all areas of construction on the project site and linear facilities, and shall have the authority to stop any or all construction activities as warranted by applicable construction mitigation conditions. ### The on-site AQCM may delegate responsibilities to one or more AQCM delegates. ### Resume of Devin Chapman as alternative delegate AQCM submitted on 7/20/11. Approved by CEC via email from Christine Stora on 8/4/11.
AQ-SC3	Constr	Construction Fugitive Dust Control: The AQCM shall submit documentation to the CPM in each the monthly compliance report (MCR) that demonstrates compliance with mitigation measures outlined in AQ-C3. See Condition AQ-SC3 for list of dust mitigation construction requirements.	Include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the air district in relation to project construction; and (3) any other documentation deemed necessary by the CPM and AQCM to verify compliance with this condition. Such information may be provided via electronic format or disk at project owner's discretion.	N/A	Each MCR					Ongoing	Any deviation from the mitigation measures shall require prior CPM notification and approval.
AQ-SC4	Constr	Dust Plume Response Requirement: The AQCM or an AQCM delegate shall monitor all construction activities for visible dust plumes. See Condition AQ-SC4 for all dust plume monitoring and mitigation requirements.	1) The AQCM shall include a section detailing how additional mitigation measures will be accomplished within the specified time limits. 2) If there are visible dust plumes with the potential to be transported off the project site (as defined in AQ-SC4) then the AQCM or delegate shall implement the procedures outlined in AQ-SC4 for additional mitigation measures.	N/A	1) Provide info as per AQ-SC2; 2) Immediately, if occurs					Ongoing	If step 1 and 2 fail to result in effective mitigation within one hour of the original determination, the AQCM or delegate shall direct a temporary shutdown of the activity causing the emissions. The activity shall not restart until the AQCM or delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the shutdown source. The owner/operator may appeal to the CPM any directive from the AQCM or delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.
AQ-SC5	Constr	Diesel-Fueled Engine Control: The AQCM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with mitigation measures outlined in Condition AQ-SC5. See SC-5 for a two page list of documentation and mitigation measures required.	The project owner shall include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCM to verify compliance with this condition. Info may be provided via electronic format or disk at project owner's discretion.	N/A	Each MCR					Ongoing	Any deviation from the mitigation measures in AQ-SC5 shall require prior CPM notification and approval.
AQ-SC6	All	The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	1) Submit any proposed air permit modification to the CPM within five working days of either: a) submittal by the project owner to an agency, or b) receipt of proposed modifications from an agency. 2) Submit all modified air permits to the CPM within 15 days of receipt.	N/A	1) Within 5d of submittal or receipt; 2) Within 15d of receipt	TID/ Sierra				Not Started	
AQ-2	All	This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District NSR Rule]	No verification necessary	N/A						N/A	
AQ-3	Constr	Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4]	The project owner shall submit to both the District and CPM the Title V Operating Permit application prior to operation.	SJVAPCD	Prior to First Fire	TID/ Sierra	1/1/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	TID to submit second Title V application (first application was submitted with ATC) prior to first fire. An air district inspection then must be scheduled. 10/11/11 submitted to SJVAPCD. 10/12/11 submitted to CEC.
AQ-7	Constr/ Ops	The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	
AQ-11	Constr/ Startup	Commissioning activities are defined as, but not limited to, all testing, adjustment, tuning, and calibration activities recommended by the equipment manufacturers and the construction contractor to ensure safe and reliable steady state operation of the gas turbine and associated electrical delivery systems. [District Rule 2201]	No verification necessary	N/A						N/A	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-12	Constr/Startup	Commissioning period shall commence when all mechanical, electrical, and control systems are installed and individual system startup has been completed, or when a gas turbine is first fired, whichever occurs first. The commissioning period shall terminate when the plant has completed initial source testing, completed final plant tuning, and is available for commercial operation. [District Rule 2201]	The project owner shall submit a commissioning plan to the CPM and APCO for approval at least 30 days prior to first firing of the gas turbine describing the procedures to be followed during the commissioning period and the anticipated duration of each commissioning activity.	SJVAPCD	30d prior first fire	TID	2/1/12	9/23/11 SJVAPCD 9/27/11 CEC		Submitted	Submitted on 9/23/11 to SJVAPCD. Submitted on 9/27/11 to CEC.
AQ-13	Startup/Ops	Emission rates from the gas turbine system during the commissioning period shall not exceed any of the following limits: NOx (as NO2) - 40.40 lb/hr and 969.6 lb/day; VOC (as CH4) - 8.41 lb/hr and 201.8 lb/day; CO - 40.00 lb/hr and 704.6 lb/day; PM10 - 2.50 lb/hr and 60.0 lb/day; or SOx (as SO2) - 1.56 lb/hr and 37.4 lb/day. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-14	Startup	During commissioning period, NOx and CO emission rate shall be monitored using installed and calibrated Continuous Emission Monitoring Systems (CEMS). [District Rule 2201]	The project owner shall submit to the CPM and APCO for approval the commissioning plan as required in AQ-12.	SJVAPCD	At least 30d prior first firing of gas turbine	TID	2/1/12	9/23/11 SJVAPCD 9/27/11 CEC		Submitted/Approved	Submitted on 9/23/11 to SJVAPCD. Submitted on 9/27/11 to CEC.
AQ-15	Startup/Ops	The total mass emissions of NOx, VOC, CO, PM10 and SOx that are emitted during the commissioning period shall accrue towards the quarterly emission limits. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-16	Startup/Ops	During commissioning period, the owner or operator shall keep records of the natural gas fuel combusted in the gas turbine system on an hourly and daily basis. [District Rule 2201]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-30	Startup/Ops	Gas turbine system shall be fired on PUC-regulated natural gas with a sulfur content of no greater than 1.0 grain of sulfur compounds (as S) per 100 dscf of natural gas. [District Rule 2201 and 40 CFR 60.4330(a)(2)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-37	Constr/Ops	A water injection system, a selective catalytic reduction (SCR) system and an oxidation catalyst shall serve this gas turbine system. [District Rule 2201]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	
AQ-38	Constr/Ops	The gas turbine engine and generator lube oil vents shall be equipped with mist eliminators or equivalent technology sufficient to limit the visible emissions from the lube oil vents to not exceed 5% opacity, except for a period not exceeding three minutes in any one hour. [District Rule 2201]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A						N/A	
AQ-39	Startup/Ops	Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]	1) The project owner shall submit the proposed source test plan or protocol for the source tests 15 days prior to the proposed source test date to both the District and CPM for approval. 2) The project owner shall notify the District and CPM no later than 30 days prior to the proposed source test date and time.	SJVAPCD	1) 15d prior source test date; 2) no later than 30d prior source test date	TID/Aeros	2/15/12 2/1/12			Not Started	
AQ-40	Startup/Ops	Source testing shall be witnessed or authorized by District personnel and samples shall be collected by a California Air Resources Board (CARB) certified testing laboratory or a CARB certified source testing firm. [District Rule 1081]	The project owner shall submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-39.	SJVAPCD	15d prior source test date	TID/Aeros	2/15/12			Not Started	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-41	Startup/ Ops	Source testing to measure startup and shutdown NOx, CO, and VOC mass emission rates shall be conducted before the end of the commissioning period and at least once every seven years thereafter. [District Rule 1081]	1) The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-39). 2) Testing for startup and shutdown emissions shall be conducted upon initial operation. 3) Testing for startup and shutdown emissions shall be conducted at least once every seven years.	SJVAPCD	1) Within 60d of testing; 2) upon initial operation; 3) Every 7 years	TID/ Aeros	5/12/11			Not Started	CEM relative accuracy for NOx and CO shall be determined during startup and shutdown source testing in accordance with 40 CFR 60, Appendix F (Relative Accuracy Audit). <u>If CEM data is not certifiable to determine compliance with NOx and CO startup emission limits, then startup and shutdown NOx and CO testing shall be conducted every 12 months.</u> If an annual startup and shutdown NOx and CO relative accuracy audit demonstrates that the CEM data is certifiable, the startup and shutdown NOx and CO testing frequency shall return to the once every seven years schedule.
AQ-42	Startup/ Ops	Source testing to determine compliance with the NOx, CO, VOC and NH3 emission rates (lb/hr and ppmvd @ 15% O2) and PM10 emission rate (lb/hr) shall be conducted before the end of commissioning period and at least once every 12 months thereafter. [District Rules 2201 and 4703, 40 CFR 60.4400(a)]	1) The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-39). 2) Testing for steady-state emissions shall be conducted upon initial operation. 3) Testing for steady-state emissions shall be conducted at least once every 12 months.	SJVAPCD	1) Within 60d of testing; 2) upon initial operation; 3) At least every 12 months	TID/ Aeros	5/12/6/12/7/12			Not Started	
AQ-43	Startup/ Ops	The sulfur content of each fuel source shall be: (i) documented in a valid purchase contract, a supplier certification, a tariff sheet or transportation contract, or (ii) monitored within 60 days after the end of commissioning period and weekly thereafter. [District Rule 2201 and 40 CFR 60.4360, 60.4365(a) and 60.4370(c)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	If the sulfur content is less than or equal to 1.0 gr/100 dscf for eight consecutive weeks, then the monitoring frequency shall be every six months. If the result of any six month monitoring demonstrates that the fuel does not meet the fuel sulfur content limit, weekly monitoring shall resume until compliance is demonstrated for eight consecutive weeks.
AQ-44	Startup/ Ops	The following test methods shall be used: NOx - EPA Method 7E or 20 or CARB Method 100; CO - EPA Method 10 or 10B or CARB Method 100; VOC - EPA Method 18 or 25; PM10 - EPA Method 5 (front half and back half) or 201 and 202a; ammonia - BAAQMD ST-1B; and O2 - EPA Method 3, 3A, or 20 or CARB Method 100. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rules 1081 and 4703, 40 CFR 60.4400(1)(i)]	The project owner shall submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-39.	SJVAPCD	15d prior source test date	TID/ Aeros	2/15/12			Not Started	
AQ-45	Startup/ Ops	Fuel sulfur content shall be monitored using one of the following methods: ASTM Methods D1072, D3246, D4084, D4468, D4810, D6228, D6667 or Gas Processors Association Standard 2377. [40 CFR 60.4415(a)(1)(i)]	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-46	Startup/ Ops	The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]	The project owner shall submit the report of the source test results to both the District and CPM within 60 days of the last day of tests.	SJVAPCD	Within 60d of testing	TID/ Aeros	5/12/6/12/7/12			Not Started	
AQ-47	Constr/ Ops	A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201 and 4703]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	
AQ-48	Constr/ Ops	The owner or operator shall install, certify, maintain, operate and quality-assure a Continuous Emission Monitoring System (CEMS) which continuously measures and records the exhaust gas NOx, CO and O2 concentrations. Continuous emissions monitor(s) shall monitor emissions during all types of operation, including during startup and shutdown periods, provided the CEMS passes the relative accuracy requirement for startups and shutdowns specified herein. [District Rules 1080, 2201 and 4703, 40 CFR 60.4340(b)(1) and 40 CFR 60.4345(a)]	The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission to verify the continuous monitoring system is properly installed and operational.	N/A		TID				N/A	If relative accuracy of CEMS cannot be demonstrated during startup conditions, CEMS results during startup and shutdown events shall be replaced with startup emission rates obtained from source testing to determine compliance with emission limits contained in this document.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-49	Constr/Ops	The NOx and O2 CEMS shall be installed and certified in accordance with the requirements of 40 CFR Part 75. The CO CEMS shall meet the requirements in 40 CFR 60, Appendix F Procedure 1 and Part 60, Appendix B Performance Specification 4A (PS 4A), or shall meet equivalent specifications established by mutual agreement of the District, the CARB, and the EPA. [District Rule 1080 and 40 CFR 60.4345(a)]	The project owner shall submit to the CPM and APCO CEMS audits demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-50	Constr/Ops	The CEMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each 15-minute quadrant of the hour or shall meet equivalent specifications established by mutual agreement of the District, the CARB and the EPA. [District Rule 1080 and 40 CFR 60.4345(b)]	The project owner shall submit to the CPM and APCO CEMS audits demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID				Not Started	
AQ-58	Constr/Ops	The exhaust stack shall be equipped with permanent provisions to allow collection of stack gas samples consistent with EPA test methods and shall be equipped with safe permanent provisions to sample stack gases with a portable NOx, CO, and O2 analyzer during District inspections. [District Rule 1081]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	The sampling ports shall be located in accordance with the CARB regulation titled California Air Resources Board Air Monitoring Quality Assurance Volume VI, Standard Operating Procedures for Stationary Emission Monitoring and Testing.
AQ-65	Constr	Prior to operating under ATCs N-3299-4-0, N-3299-5-0 and N-3299-6-0, the permittee shall mitigate the following quantities of NOx: 1st quarter: 34,905 lb, 2nd quarter: 35,292 lb, 3rd quarter: 35,682 lb, and 4th quarter: 35,682 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	Submit prior to first fire/testing of any engine. Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC.
AQ-66	Constr	NOx ERC S-3113-2 (or a certificate split from this certificate) shall be used to supply the required NOx offsets, unless a revised offsetting proposal is received and approved by the District. Following the revisions, this Authority to Construct permit shall be re-issued, administratively specifying the new offsetting proposal. [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	Original public noticing requirements, if any, shall be duplicated prior to re-issuance of this Authority to Construct permit. Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC.
AQ-67	Constr	Prior to operating under ATCs N-3299-4-0, N-3299-5-0 and N-3299-6-0, the permittee shall mitigate the following quantities of VOC: 1st quarter: 6,113 lb, 2nd quarter: 6,113 lb, 3rd quarter: 6,114 lb, and 4th quarter: 6,114 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC.
AQ-68	Constr	VOC ERC C-1008-1 (or a certificate split from this certificate) shall be used to supply the required VOC offsets, unless a revised offsetting proposal is received and approved by the District. Following the revisions, this Authority to Construct permit shall be re-issued, administratively specifying the new offsetting proposal. [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	Original public noticing requirements, if any, shall be duplicated prior to re-issuance of this Authority to Construct permit. Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC.
AQ-69	Constr	Prior to operating under ATCs N-3299-4-0, N-3299-5-0 and N-3299-6-0, the permittee shall mitigate the following quantities of PM10: 1st quarter: 13,506 lb, 2nd quarter: 13,507 lb, 3rd quarter: 13,507 lb, and 4th quarter: 13,507 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/13/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-70	Constr	SOx ERC S-3129-5 (or a certificate split from this certificate) shall be used to supply the required PM10 offsets, unless a revised offsetting proposal is received and approved by the District. Following the revisions, this Authority to Construct permit shall be re-issued, administratively specifying the new offsetting proposal. [District Rule 2201]	The project owner shall submit to both the District and CPM records showing that the project's offset requirements have been met prior to initiating operation.	SJVAPCD	Prior to First Fire of ANY engine	Susan	2/1/12	10/11/11 SJVAPCD 10/12/11 CEC		Submitted	Original public noticing requirements, if any, shall be duplicated prior to re-issuance of this Authority to Construct permit. Submitted 10/11/11 to the SJVAPCD. Submitted 10/12/11 to the CEC.
AQ-71	Constr	The District has authorized to use SOx reductions to offset emissions increase in PM10 at SOx/PM10 interpollutant offset ratio of 1.00. [District Rule 2201]	No verification necessary	N/A						N/A	
AQ-72	Constr	Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 or Rule 8011. [District Rules 8011 and 8021]	A summary of significant construction activities and monitoring records required shall be included in the construction monthly compliance report (AQ-SC3).	SJVAPCD	MCR	Sam				Ongoing	
AQ-73 (Part 2 and 3 of 3)	Pre- Constr/ Constr	Final Dust Control Plan - An owner/operator shall submit a Dust Control Plan to the APCO prior to the start of any construction activity on any site that will include 10 acres or more of disturbed surface area for residential developments, or 5 acres or more of disturbed surface area for non-residential development, or will include moving, depositing, or relocating more than 2,500 cubic yards per day of bulk materials on at least three days. [District Rules 8011 and 8021]	1) The final Dust Control Plan shall be included within the Air Quality Construction Mitigation Plan and submitted to the District and CPM not less than 30 days prior to the start of any construction activity. 2) Written notification to air district w/in 10 days prior to earth moving; 3) provide names and contact info for all contractors and subs before they start work at the site 4) A summary of significant construction activities and monitoring records required shall be included in the construction monthly compliance report (AQ-SC3).	SJVAPCD	1) 30d prior to earth moving; 2) 10d prior to earth moving 3) In MCRs	Sierra (site /line) PG&E gas pipeline	2/15/11	11/18/2010 12/9/10 2/25/11 3/29/11	11/19/2010 4/14/11	Submitted/ Ongoing	Dust plan submitted to SJVAPCD by Sierra on 11/8/10. Plan submitted to CEC on 11/18/10. Approved by the CEC via email from Dale Rundquist on 11/19/10. Dust plan conditionally approved by air district on Dec. 9, 2010. Copy of air district conditionally approval letter submitted to CEC on 12/16/10. Required info sent to air district on 2/16/11. 2/18/11 Final approval from Air District rec'd. 2/24/11 start of construction notification submitted to air district. 2/25/11 SJVAPCD documentation sent to CEC. PG&E Dust plan submitted to air district by PG&E on 3/28/11. Approved by Air District on 4/19/11. PG&E plan submitted to CEC on 3/29/11. Approved by CEC on 4/14/11. Air District approval submitted to CEC on 5/6/11. Approved by CEC on 5/9/11.
AQ-74	Constr	An owner/operator shall prevent or clean up any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 or Rule 8011. [District Rules 8011 and 8041]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-75	All	Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 or Rule 8011. [District Rules 8011 and 8051]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	
AQ-76	All	Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 or Rule 8011. [District Rules 8011 and 8061]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/ PG&E				N/A	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
AQ-77	Constr	Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/PG&E				N/A	
AQ-78	Constr	Where dusting materials are allowed to accumulate on paved surfaces, the accumulation shall be removed daily or water and/or chemical/organic dust stabilizers/suppressants shall be applied to the paved surface as required to maintain continuous compliance with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011 and limit Visible Dust Emissions (VDE) to 20% opacity. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/PG&E				N/A	
AQ-79	Constr	On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axes or more will occur on an unpaved vehicle/equipment traffic area, permittee shall apply water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011. [District Rule 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/PG&E				N/A	
AQ-80	Constr	Whenever any portion of the site becomes inactive, Permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in Section 3.58 of District Rule 8011. [District Rules 8011 and 8071]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID/PG&E				N/A	
AQ-81	Constr/Ops	Records and other supporting documentation shall be maintained as required to demonstrate compliance with the requirements of the rules under Regulation VIII only for those days that a control measure was implemented. Such records shall include the type of control measure(s) used, the location and extent of coverage, and the date, amount, and frequency of application of dust suppressant, manufacturer's dust suppressant product information sheet that identifies the name of the dust suppressant and application instructions. [District Rules 8011, 8031 and 8071]	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ SC8).	SJVAPCD	Quarterly no later than 30d following end of calendar quarter	TID/PG&E				Not Started	Records shall be kept for one year following project completion that results in the termination of all dust generating activities.
AQ-82	Constr/Ops	The owners and operators of each affected source and each affected unit at the source shall have an Acid Rain permit and operate in compliance with all permit requirements. [40 CFR 72]	The project owner shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	N/A		TID				N/A	
BIO-1 (Part 2 of 2)	Constr/Ops	Designated Biologist Replacement.	If a Designated Biologist needs to be replaced, the specified info about the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	N/A	10d prior release or termination, if occurs	CH2				Not Started	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
BIO-2 (part 1 of 2)	Constr	Designated Biologist Duties: The project owner shall ensure that the Designated Biologist performs the activities and duties outlined in BIO-2 during any site mobilization, ground disturbance, grading, construction, operation, and closure activities. See BIO-2 for required biologist duties and activities.	1) Designated Biologist shall submit in MCR copies of all written reports and summaries that document biological resources activities. 2) The Designated Biologist shall notify the CPM, CDFG and USFWS of any project-related take of state or federally listed species within 24 hours. 3) Report sensitive species sightings to CA Natural Diversity Database (CNDDDB) where appropriate. 4) Notify the project owner and CPM of any noncompliance with any biological resource condition of certification.	CEC, CDFG, USFWS, if take CNDDDB	1) in MCRs 2) within 24 hours, if take occurs; 3) if sightings; 4) If occurs	CH2				MCR/ Ongoing	The Designated Biologist may be assisted by approved biological monitors, but remains the contact for the project owner, the CPM, CDFG and USFWS.
BIO-3 (part 2 of 2)	Constr	Additional Biological Monitor Selection:	3) If additional biological monitors are needed during construction, the specified information shall be submitted to the CPM for approval 10 days prior to their first day of monitoring activities. 4) The Designated Biologist shall submit a written statement to the CPM confirming that the individual biological monitors have been trained, including the date when training was completed.	N/A	3) 10d prior 1st day of monitoring; 4) After training	CH2		2/25/11 8/23/11 8/29/11 9/1/11	3/1/2011 8/25/11 8/30/11 9/7/11	Ongoing	Resumes for biological monitors Tom Davis and Daniel Weinberg were submitted to CEC by CH2MHill on 2/25/11. Bio Monitors approved by CEC via email from Dale Rundquist on 3/1/11. Resume of Shawn Lockwood submitted to the CEC for approval on 8/23/11. Approved by the CEC on 8/25/11. Resumes for Beth Sorelli and Bridget Canty were submitted on 8/29/11. Approved via email from Christine Stora on 8/30/11. Resumes for Sophia Chang and Melissa Fowler were submitted on 9/1/11. Approved by CEC via email from Christine Stora on 9/7/11.
BIO-4	All	Designated Biologist and Biological Monitor Authority: The project owner's construction/operation managers shall act on the advice of the Designated Biologist and Biological Monitors to ensure conformance with the biological resources conditions of certification. See BIO-4 for specific biologist duties.	1) The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately (and no later than the following morning of the incident, or Monday morning in case of a weekend) of any non-compliance or a halt. 2) The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem.	N/A	Immediately if occurs	CH2				Ongoing	If required by the Designated Biologist and Biological Monitors, the project owner's construction/operation managers shall halt site mobilization, ground disturbance, grading, construction and operation activities in areas specified by the Designated Biologist.
BIO-5 (part 3 of 4)	Constr	WEAP Reporting	3) The project owner shall provide in the Monthly Compliance Report 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.	N/A	3) In MCRs	Susan/CH2				Ongoing	The signed training acknowledgement forms from construction shall be kept on file by the project owner for a period of at least six months after the start of commercial operation.
BIO-6 (part 2 of 2)	Constr	Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP):	3) Implementation of BRMIMP measures shall be reported in the MCRs by the Designated Biologist (i.e. survey results, construction activities that were monitored, species observed). 4) Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction closure report. See BIO-6 for closure report requirements.	N/A	3) In MCRs; 4) 30d after construction completion	CH2	4/15/12	6/6/11	6/14/11	MCR/Not Started	BRMIMP Modifications: The project owner shall notify the CPM no less than five working days before implementing any modifications to the approved BRMIMP. Any changes to the BRMIMP must be approved by the CPM before implementation. The project owner shall provide copies to any modifications to the USFWS and CDFG for review and comment. Revised BRMIMP adding Frac-Out Plan submitted 6/6/11. Revised BRMIMP approved by CEC on 6/14/11.
BIO-7	Constr	Impact Avoidance Mitigation Features: The project owner shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources. See BIO-7 for specific requirements.	1) Implementation of the measures shall be reported in the Monthly Compliance Reports by the Designated Biologist. 2) Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures were completed.	N/A	1) in MCRs; 2) Within 30d after construction	CH2	4/15/12			MCR/Not Started	All mitigation measures and their implementation methods shall be included in the BRMIMP
BIO-8 (Part 2 of 2)	Constr	Frac-Out Containment Plan	3) Notification of any frac-out must be made to the CPM within 24 hours of the occurrence. Notify the CPM of the circumstances and location of the frac-out and corrective measures that are being taken.		3) Within 24 hours of occurrence	CH2				Not Started	
BIO-9 (Part 2 of 3)	Constr/ Prior constr of each component	Avoid Harassment or Harm to San Joaquin Kit Foxes: The project owner shall conduct a pre-construction survey for San Joaquin kit fox for the power plant, laydown area, transmission lines, re-rated transmission lines, and pipeline corridor no less than 14 days and no more than 30 days prior to the initiation of construction on each project component. The surveys shall include a 200-foot buffer for the plant site, the gas pipeline alignment and the transmission line corridors. See BIO-9 for extensive construction and mitigation requirements.	1)The project owner shall conduct a pre-construction survey for San Joaquin kit fox for the power plant, laydown area, transmission lines, re-rated transmission lines, and pipeline corridor no less than 14 days and no more than 30 days prior to the initiation of construction on each project component. 2) If a natal or pupping den is found within a designated construction area or within 200 feet of a designated construction area, USFWS and CDFG shall be contacted. See BIO-8 for further requirements if den found. 3) A written report summarizing the results of the pre-construction survey shall be sent to the CPM, CDFG, and USFWS prior to the start of ground disturbance.	USFWS, CDFG	1) Within the period of 14d-30d prior construction of each component; 2) If den found; 3) Prior ground disturbance	CH2 SAC	4/15/11	3/29/2011 5/19/11 6/6/11 6/15/11 7/22/11 8/5/11 9/20/11 11/21/11	6/14/2011 6/28/11	Submitted/ Approved	Pre-construction biology survey results for geoarch trenching submitted 3/29/11 by CH2. Pre-const survey results for gas pipeline and re-rating 69-kv line submitted to CEC and CDFG on 5/19/11. Submitted to USFWS on 6/1/11. Submitted follow-up report on coyote den on 6/6/11. Approved by CEC on 6/14/11. Pre-construction survey report for gas pipeline construction phases 2 and 3 submitted on 6/15/11. Approved by CEC on 6/28/11. Follow-up report on coyote den approved on 6/28/11. Pre-construction surveys for Phase 4 (Prune Ave) were submitted on 7/22/11 by CH2MHill. Pre-construction surveys for gas pipeline phase 5 (El Katrina to Zeering submitted on 8/5/11 by CH2MHill. Phase 6 and 7 surveys submitted 9/20/11. Phase 8 (Bronco Winery) submitted on 11/21/11

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
BIO-9 (Part 3 of 3)	Constr	Avoid Harassment or Harm to San Joaquin Kit Foxes. See BIO-9 for extensive construction and mitigation requirements.	4) Implementation of the measures shall be reported in the monthly compliance reports by the Designated Biologist. 5) Within 30 days after completion of project construction, the project owner shall provide to the CPM and USFWS, for review and approval, and to the CDFG for review and comment, a written construction termination report identifying how all biological resource-related conservation measures were completed.	USFWS, CDFG	4) In MCRs 5) Within 30d after construction	CH2	4/20/12			Ongoing/ Not Started	During construction, the Designated Biologist shall notify the USFWS and CDFG within 24 hours of receiving a report of incidental take occurring at the project site. The project proponent and the permitting agencies shall meet within two weeks to discuss adaptive management measures that may be undertaken to reduce or eliminate future incidents of incidental take.
BIO-10 (Part 2 of 2)	Constr/ Prior constr of each component if Feb. 1 - July 31	Nesting Bird Surveys and Nest Monitoring: Pre-construction nest surveys shall be conducted if construction activities would occur between February 1 and July 31. At least two pre-construction surveys shall be conducted, separated by a minimum 10-day interval. See BIO-10 for monitoring and reporting requirements.	1) One survey shall be conducted within the 14-day period immediately preceding initiation of construction of each project component. 2) Other survey should be conducted during the start of the Swainson's hawk breeding season (March 20 th to April 20 th) prior to construction. 3) At least 10 days prior to the start of any project-related ground disturbance activities, the project owner shall provide the CPM and CDFG a report describing the findings of the pre-construction nest surveys.	CDFG	1) 14d prior construction; 2) during Mar. 20th - Apr. 20th prior construction 3) 10d prior ground disturbance.	CH2	4/15/11 4/20/11	3/29/2011 5/17/11 5/25/11 7/6/11 7/21/11 7/22/11 8/5/11 11/21/11	6/14/2011 6/28/11 7/1/11 7/29/11 CDFG /CEC	Submitted/ Approved	Consultation with CDFG shall be required for any construction that occurs within one half mile of an active Swainson's hawk nest to ensure that no take of Swainson's hawks occurs during project construction. ### Preconstruction surveys for geotech trenching submitted 3/29/11 by CH2. Nesting bird survey for gas pipeline (Phase 1) and SWHA buffer reduction memo submitted to CEC and CDFG on 5/17/11. Survey report of May surveys submitted 5/25/11 to CEC and CDFG on 5/25/11. Approved by CEC on 6/14/11. Nest monitoring plan submitted to CEC on 5/27/11. Nest monitoring plan submitted to CDFG on 6/14/11. Nest monitoring plan approved by CEC on 6/14/11. Pre-construction survey report for gas pipeline construction phases 2 and 3 submitted on 6/15/11. Approved by CEC on 6/28/11. SHWA buffer reduction response from CDFG rec'd via email on 7/1/11. CDFG response submitted to CEC on 7/6/11. Update and recommendations on SWHA buffer reductions emailed to CDFG and CEC on 7/27/11. CDFG comments and CEC concurrence rec'd on 7/29. Pre-construction surveys for Phase 4 (Prune Ave) were submitted on 7/22/11 by CH2MHill. Pre-construction surveys for gas pipeline phase 5 (El Katrina to Zeering submitted on 8/5/11 by CH2MHill. Phase 8 submitted on 11/21/11
BIO-11 (Part 2 of 2)	Constr	Burrowing Owl Impact Avoidance and Minimization Measures: The project owner shall manage the <u>pipeline alignment and transmission lines</u> in a manner to avoid or minimize impacts to the burrowing owl. See BIO-11 for monitoring, mitigation, and reporting requirements.	2) If owl relocation is necessary, the project owner or the Designated Biologist shall coordinate with CDFG on new burrows (if any). See BIO-11 for additional requirements. 3) Within 30 days after completion of owl relocation and monitoring and the start of ground disturbance, the project owner shall provide written verification to the CDFG and CPM that burrowing owl mitigation measures have been completed.	CDFG	2) If relocation; 3) Within 30d after relocation	CH2		3/29/2011 5/25/11 6/15/11 7/22/11 8/5/11	6/14/2011 6/28/11	Submitted/ Approved	Pre-construction biology survey results for geotech trenching submitted 3/29/11 by CH2. Pre-construction burrowing owl survey results for gas pipeline (Phase 1) and re-rated 69-kV line submitted 5/25/11. Approved by CEC on 6/14/11. Pre-construction survey report for gas pipeline construction phases 2 and 3 submitted on 6/15/11. Approved by CEC on 6/28/11. Pre-construction surveys for Phase 4 (Prune Ave) were submitted on 7/22/11 by CH2MHill. Pre-construction surveys for gas pipeline phase 5 (El Katrina to Zeering submitted on 8/5/11 by CH2MHill.
BIO-12 (Part 1 of 2)	Constr/ Pre-pipeline constr	Giant Garter Snake (GGS) and Western Pond Turtle (WPT) Pre-Construction Clearance Surveys: Conduct pre-construction surveys for GGS and WPT for all gas pipeline construction areas within 200 feet of an area that provides suitable habitat for GGS or WPT as specified in the GGS habitat assessment.	1) Designated Biologist or representative approved by USFWS and CPM must survey the construction area within potential GGS and WPT habitat no more than 24 hours prior to the initiation of construction. 2) Project owner shall submit a report to the CPM, USFWS, and CDFG no more than 10 days after completion of GGS and WPT pre-construction surveys.	USFWS, CDFG	1) 24 hours prior construction; 2) within 10d of surveys	CH2 SAC		6/16/2011 6/15/11 7/20/11 7/22/11 8/5/11 9/20/11	6/28/2011 7/25/11	Submitted/ Approved	Preconstruction survey results for GGS and WPT on Phase 1 construction area of PG&E gas pipeline submitted on 6/16/11. Approved by CEC on 6/28/11. Pre-construction survey report for gas pipeline construction phases 2 and 3 submitted on 6/15/11. Harding Drain 24 hour prior to construction survey results submitted on 6/15/11. Approved by CEC on 6/28/11. Pre-construction surveys for Yori Grove trenching submitted on 7/20/11. Approved by CEC on 7/25/11. Pre-construction surveys for Phase 4 (Prune Ave) were submitted on 7/22/11 by CH2MHill. Pre-construction surveys for gas pipeline phase 5 (El Katrina to Zeering submitted on 8/5/11 by CH2MHill. Phase 6 and 7 submitted on 9/20/11.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
BIO-12 (Part 2 of 2)	Constr	Giant Garter Snake (GGS) and Western Pond Turtle (WPT) Surveys	3) Another pre-construction survey must be conducted if construction activity ceases within potential GGS habitat for a period of more than 2 weeks.	USFWS, CDFG	3) If activity ceases for >2 weeks	CH2				Not Started	
BIO-13 (Part 2)	Constr/ Pre-pipe-line constr	Giant Garter Snake (GGS) Impact Avoidance and Minimization Measures: Construction within 200 feet of canals with suitable GGS habitat must follow USFWS construction guidelines. See BIO-13 for all construction requirements.	1) USFWS must approve in writing any construction work within GGS habitat that must be conducted <u>outside</u> of the May 1-October 1st time window before construction activities commence.	USFWS	1) Prior construction if outside specified time frame	CH2 SAC		3/11/2011 9/27/11	3/17/2011 4/14/11	Submitted for Geotech trenching	USFWS letter submitted to CEC on 3/11/11. Letter approved by David Bise, CEC on 3/17/11. Letter approved via email from Dale Rundquist on 4/14/11. 9/27/11 submitted to CEC USFWS email allowing some const. activities to extend beyond 10/1.
BIO-13 (Part 2 of 2)	Constr	Giant Garter Snake (GGS) Impact Avoidance and Minimization Measures: Construction within 200 feet of canals with suitable GGS habitat must follow USFWS construction guidelines. See BIO-13 for all construction requirements.	2) Submit a report to USFWS and the CPM if any GGS are found within work areas no more than 24 hours after the sighting is made. 3) The monthly monitoring report shall include updates on construction work occurring within GGS habitat.	USFWS	2) If sighting, within 24 hours; 3) In MCRs	CH2				Not Started /MCR	
CUL-7 (Part 1 of 2)	Constr	The project owner shall submit the final Cultural Resources Report (CRR) to the CPM for approval. The CRR shall be written by or under the direction of the CRS and shall be provided in the ARMR format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) forms, data recovery reports, and any additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the final CRR.	1) Within 90 days after completion of ground disturbance (including landscaping), submit the final CRR to CPM for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix. 2) Within 90 days after completion of ground disturbance (including landscaping), if cultural materials requiring curation were generated or collected, provide copy of agreement with or other written commitment from a curation facility. 3) Within 10 days after CPM approval, the project owner shall provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, and the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies.	SHPO, CHRIS, Curating institution	1) Within 90d after completion of ground disturb; 2) Within 90d after completion of ground disturb; 3) Within 10d of CPM approval	CH2				In progress	Any agreements concerning curation will be retained and available for audit for the life of the project. ### If the project owner requests a suspension of ground disturbance and/or construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval within 24 hours (conflicts with verification, which allows 30 days) of the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until ground disturbance and/or construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request.
CUL-8 (Part 2 of 2)	Constr	For the duration of ground disturbance, 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.	3) Monthly, until ground disturbance is completed, provide in the MCR the WEAP Training Acknowledgement forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	N/A	3) in MCRs	Susan/ CH2				On going	The 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 shall be available (by telephone or in person) to answer questions posed by employees. ### A sticker shall be placed on hardhats indicating that environmental training has been completed. ### The training may be discontinued when ground disturbance is completed or suspended, but must be resumed when ground disturbance, such as landscaping, resumes.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
CUL-9	Constr/ Pre-pipe-line Constr	The project owner shall ensure that the CRS, alternate CRS, or CRMs monitor full time all ground disturbance related to the Reinforcement Segment, according to the recommendations of the Geoaerchaeological Excavation Result Report required in CUL-2 and CUL-3, and as approved by the CPM, to ensure there are no impacts to undiscovered resources and to ensure that known resources are not impacted in an unanticipated manner. The project owner shall obtain the services of a Native American monitor to monitor ground disturbance in any areas where Native American artifacts are discovered in native soils. If efforts to obtain the services of a qualified Native American monitor are unsuccessful, the project owner shall immediately inform the CPM. After finding those efforts to be satisfactory, the CPM may either identify other potential monitors or allow ground disturbance to proceed without a Native American monitor. See Condition CUL-9 for staffing and monitoring requirements.	1) At least 30 days prior ground disturbance related to Reinforcement Segment (RS), CPM will provide to CRS electronic copy of form to be used as a daily monitoring log. 2) CRS or alternate shall report daily to CPM, and copies of daily monitoring logs shall be provided by CRS to CPM, if requested by CPM. Also, daily, if no cultural resources are found related to RS, CRS shall provide a statement that "no cultural resources over 50 years of age were discovered" to CPM as an e-mail, or some other form acceptable to CPM. 3) Monthly while monitoring is ongoing, include in each MCR a monthly summary report prepared by CRS and attach any new DPR 523A forms. 4) At least 24 hours prior implementing a proposed change in monitoring level, submit to CPM, for review and approval, a letter or e-mail detailing the CRS's justification for changing the monitoring level. 5) At least 24 hours prior to reducing or ending daily reporting, submit to CPM, for review and approval, a letter or e-mail detailing the CRS's justification for reducing or ending daily reporting.	N/A	1) 30d prior ground disturbance for RS; 2) daily; 3) in MCRs; 4) within 24 hours prior monitoring level change; 5) within 24 hours of change in reporting	CH2				Ongoing	On forms provided by CPM, CRMs shall keep a daily log of any monitoring and other cultural resources activities and any instances of non-compliance with the Conditions and/or applicable LORS. From these logs, CRS shall compile a monitoring summary report to be included in MCR. ### If CRS believes current level of monitoring is not appropriate in certain locations, a letter or e-mail 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. ### Upon becoming aware of any non-compliance with Conditions and/or applicable LORS, CRS and/or project owner shall notify CPM by telephone or e-mail within 24 hours. CRS to recommend corrective action. When issue is resolved, CRS to write a report describing issue, resolution of issue, and effectiveness of resolution; provide report in MCR for the review by CPM.
CUL-10 (Part 2 of 2)	Constr	The project owner shall grant authority to halt ground disturbance in the immediate vicinity of a discovery to the CRS, alternate CRS, and the CRMs in the event of a cultural resources discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. See CUL-10 for complete list of requirements.	2) project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning. 3) 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. 4) Within 48 hours of discovery of a resource of interest to Native Americans, ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of such a discovery.	N/A	2) within 24 hours of discovery; 3) within 24 hours of CPM notification or 48 hours after completion of data recordation/recovery; 4) Within 48 hours of discovery of interest to	CH2				Ongoing	In the event that a cultural resources over 50 years of age if found (or, if younger, determined exceptionally significant by the CPM), or impacts to such resources can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. The halting or redirection of construction shall remain in effect until the CRS has visited the discovery, and all requirements outlined in CUL-10 have been met.
HAZ-1	All	The project owner shall not use any hazardous material not listed in Appendix B of the Hazardous Materials Management section, or in greater quantities or strengths than those identified by chemical name in Appendix B, unless approved in advance by the CPM.	Provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	N/A	In ACRs	TID				Not Started	
HAZ-2	Constr	The project owner shall revise and update the current Hazardous Materials Business Plan (HMBP), Risk Management Plan (RMP), Spill Prevention, Control, and Countermeasure Plan (SPCC Plan), and Process Safety Management Plan (PSMP) and submit the revised plans to the Stanislaus County Environmental Resources Hazardous Materials Division (SCER-HMD) for review and comment and to the CPM for review and approval.	At least 60 days prior to the start of commissioning of the A2PP, the project owner shall provide a copy of a final updated HMBP, RMP, SPCC Plan, and the PSMP to the CPM for approval.	SCER-HMD	60d prior start of commissioning	TID	1/1/12	1/10/12		Submitted	The timing of this condition has been changed to prior to commissioning based on phone conversation and follow-up email with Alvin Greenburg. ### HBMP and SPCC submitted to CEC on 1/10/12 with cover letter transmitting plan to County. Based on call with Beronia Beniamine on Jan. 4, 2012, the County will review the plans when it conducts its A2PP inspection later this year.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
HAZ-3 (Part 2 of 3)	Constr	The project owner shall develop and implement a Safety Management Plan for delivery of anhydrous ammonia and other liquid hazardous materials by tanker truck. See HAZ-3 for plan requirements.	This plan shall be applicable during construction, commissioning, and operation of the power plant.	N/A	N/A	TID				Ongoing	
HAZ-4 (Part 1 of 2)	Constr	The project owner shall direct all vendors delivering anhydrous ammonia to the site to use only tanker truck transport vehicles which meet or exceed the specifications of DOT Code MC-331.	1) Provide this direction in a letter to the vendor(s) at least thirty (30) days prior to the receipt of anhydrous ammonia on site. 2) At least 30 days prior to the start of commissioning, submit to the CPM for review and approval copies of the notification letter to supply vendors indicating the transport vehicle specifications.	N/A	1) 30d prior receipt of anhydrous ammonia; 2) 30d prior commiss.	TID	2/1/12			In progress	6/29/11 conversation between Susan Strachan and Alvin Greenberg. Alvin approved notification to vendors to be included in TID P.O. with vendors.
HAZ-5 (Part 1 of 2)	Constr	The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM. Trucks will travel on SR-99 to Crows Landing Road to the power plant site. Vendors shall be prohibited from transporting anhydrous ammonia to the site at times that will coincide with regular school bus traffic along Crows Landing Road.	1) Consult with school district and obtain evidence of consultation for submittal to the CPM. 2) Send letters to the vendors about time of day limitations, and route restriction. 3) At least 30 days prior to the start of commissioning of the A2PP, submit to the CPM for review and approval copies of a) notices to hazardous materials vendors describing the required transportation route, b) the contract with the anhydrous ammonia vendor describing the time of day limitation on deliveries, and c) evidence that officials of the Ceres Unified School District have been consulted.	N/A	1) TBD; 2) TBD; 3) 30d prior start of commiss.	TID	2/1/12			In progress	The project owner shall obtain approval of the CPM if an alternate route is desired. The project owner shall also consult with officials of the Ceres Unified School District regarding school bus schedules and shall prohibit vendors through contractual language from transporting anhydrous ammonia to the site at times that would coincide with regular school bus traffic along Crows Landing Road. Susan: Submittal of letters to the CPM is for review and approval. Clarify if letter is to be sent to CPM for approval prior being sent to the vendors. ### Based on 6/29 conversation with Alvin Greenberg, only chemicals transported in tank containers are covered in the condition.
HAZ-7 (Part 1 of 2)	Constr	The project owner shall revise and update the existing site-specific operations security plan and make it available to the CPM for review and approval. The project owner shall continue to implement existing site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described in Condition HAZ-7 (as per NERC 2002).	1) At least 30 days prior to the start of commissioning of the A2PP, notify the CPM that a revised and updated site-specific operations site security plan is available for review and approval.	N/A	1) 30d prior commiss.	CH2 SAC	2/1/12	11/22/11		Submitted	The project owner shall fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans. The CPM may authorize modifications to these measures, or may require additional measures such as protective barriers for critical power plant components—transformers, gas lines, and compressors—depending upon circumstances unique to the facility or in response to industry-related standards, security concerns, or additional guidance provided by the U.S. Department of Homeland Security, the U.S. Department of Energy, or the North American Electrical Reliability Council, after consultation with both appropriate law enforcement agencies and the applicant. ### Letter stating that plan is available for CEC review submitted on 11/22/11.
LAND-1	Constr	The project owner shall complete a lot line adjustment and record of survey for filing with the City of Ceres and Stanislaus County to ensure construction and operation of the Almond 2 Power Plant on a legal parcel of land. The record of survey shall be filed by a licensed land surveyor or registered civil engineer authorized to practice land surveying.	Prior to commercial operation, provide written documentation to the CPM that all necessary actions and approvals relating to the lot line adjustment and record of survey have been completed and finalized. Written documentation submitted to the CPM shall include copies of all approved and recorded documents relating to the lot line adjustment and record of survey.	city of Ceres and Stanislaus County	Prior commercial operation	TID	2nd quarter 2012			In Progress	Survey methods, practices, and monumentation shall comply with the Subdivision Map Act and the Professional Land Surveyors Act. Note: Actual due date isn't specified other than prior to commercial operation.
LAND-2	Constr	The project owner shall ensure restoration of certain agricultural lands that are disturbed during project construction. Restoration of ag lands disturbed during project construction shall not interfere with maintenance of PG&E's natural gas pipeline within the existing easements. Any lands that are identified by the Farmland Mapping and Monitoring Program as Important Farmland or located within agricultural preserves shall be restored such that no conversion of important Farmland occurs.	1) Before the start of any project construction work on agricultural lands, submit written documentation to CPM describing methods that will be used to restore the affected lands. 2) Within 90 days of completion of construction of the Almond 2 Power Plant and related facilities, provide written documentation to the CPM demonstrating that all necessary work to restore disturbed agricultural lands has been completed. Written documentation shall include detailed descriptions of restoration methods and corresponding maps for affected areas.	N/A	1) Prior construction on ag land; 2) Within 90d of completion of construction of A2PP	PG&E	2) 3/1/2012	3/25/2011 4/20/11	4/21/11	1)Complete 2) In progress	Methods to restore affected agricultural lands shall include stock piling of top soil for replacement when project construction is completed. Restoration shall include grading and preparation for cultivation of affected areas and topsoil replacement. ###3/25/11PG&E Restoration Plan submitted to the CEC. CEC comments rec'd via email from Dale Rundquist on 4/14/11. Comments emailed to Tom Johnson, PG&E 4/14/11. Revised Land-2 plan submitted to CEC on 4/20/11. Restoration Plan approved via email from Dale Rundquist on 4/21/11.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
NOISE-2	All	Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. See Condition NOISE-2 for complaint handling and reporting requirements.	1) Within five days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form, with the CPM, documenting the resolution of the complaint. 2) If mitigation is required to resolve a complaint, and the complaint is not resolved within a 3-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	N/A	1) Within 5d of receiving a noise complaint; 2) If mitigation required	TID				Not Started	Use Noise Complaint Resolution Form or functionally equivalent procedure acceptable to CPM to document and respond to each noise complaint. Attempt to contact person(s) making noise complaint within 24 hour, or 72 hours if the complaint is made over the weekend. Conduct investigation to determine source of noise. If project related take all feasible measures to reduce noise at its source. Submit report document complaint and actions taken.
NOISE-4	Constr	The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to operation of the project alone will not exceed the limits outlined in Condition NOISE-4. See Noise-4 for noise limits, measurement locations, and other requirements.	1) Within 30 days of project first achieving a sustained output of 85% or greater of rated capacity, conduct a 25-hour community noise survey. 2) Within 15 days after completing survey, submit a summary report to CPM including any additional mitigation and a schedule for implementing mitigation measures, subject to CPM approval. 3) If mitigation measures are necessary, when they are in place, the project owner shall repeat the noise survey.	N/A	1) 30d of sustained output of 85% capacity; 2) 15d after survey; 3) after mitigation	Ch2	7/2012 - 8/2012			Not Started	No new pure-tone components shall be caused by the project. No single piece of equipment shall be allowed to stand out as a source of noise that draws legitimate complaints. If results from the survey indicate noise exceeds the levels outlined in NOISE-4, or that pure tones are present, mitigation measures shall be implemented to reduce noise to level of compliance with the limits in NOISE-4 and/or eliminate the pure tones.
NOISE-5	Constr	Following the project first achieving a sustained output of 85% or greater of rated capacity, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	1) Following the project first achieving a sustained output of 85 percent or greater of rated capacity, conduct an occupational noise survey. 2) Within 30 days after completing the survey, the project owner shall submit the noise survey report to the CPM <u>including mitigation measures if necessary</u> . The project owner shall make the report available to OSHA and Cal-OSHA upon request.	OSHA and Cal-OSHA upon request	1) following sustained output of 85% rated capacity; 2) 30d after survey	CH2	TDB			Not Started	The survey shall be conducted by a qualified person in accordance with provisions listed in NOISE-5.
NOISE-6 (Part 2 of 2)	Constr	Heavy equipment operation and noisy construction work relating to any project features, including pile driving, shall be restricted to 7 a.m. to 8 p.m.	N/A	N/A		TID/PGE				Ongoing	Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies.
SOIL & WATER-1 (Part 1 of 2)	Constr	The project owner shall comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) permit for discharges of storm water associated with construction activity.	3) Submit copies to CPM of all correspondence between the project owner and the Central Valley Regional Water Quality Control Board (RWQCB) regarding the General NPDES permit for the discharge of storm water associated with construction activities, including Notice of Termination sent to the State Water Resources Control Board.	RWQCB	By Sept. 1 of each and as necessary.	TID	9/1/11	9/1/11 10/11/11		Ongoing	An Annual Report will be prepared, certified, and electronically submitted to SMARTS by TID no later than Sept. 1 of each year. 9/1/11 submitted SMARTS forms to CEC. 10/11/11 submitted annual report.
SOIL & WATER-2 (Part 2 of 3)	Constr	Site-specific Drainage, Erosion and Sedimentation Control Plan (DESCP)	2) During construction, the project owner shall provide an analysis in the monthly compliance report on the effectiveness of the drainage-, erosion- and sediment-control measures and the results of monitoring and maintenance activities.	N/A	2) in MCRs	TID/PG&E				Ongoing	The operational SWPPP may be combined with the DESCP in an effort to simplify the annual compliance reporting and CPM review. A combined DESCP/SWPPP would be verified under SOIL&WATER-3.
SOIL & WATER-3 (Part 2 of 2)	Constr	The project owner shall comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the operation of the site. The project owner shall ensure that only stormwater is discharged onto the site. The project owner shall comply with the requirements of the general NPDES permit for discharges of storm water associated with industrial activity.	1) At least 30 days prior to commercial operation, submit the operational Storm Water Pollution Prevention Plan for the A2PP site to the CPM. 2) Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the RWQCB about the general NPDES permit for discharge of storm water associated with industrial activity. This information shall include a copy of the notice of intent sent by the project owner to the State Water Resources Control Board.	RWQCB	1) 30d prior commercial ops; 2) within 10d of receipt	TID	5/1/12			In progress	A letter from the RWQCB indicating that there is no requirement for a general NPDES permit for discharges of storm water associated with industrial activity would satisfy this condition. ###

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
SOIL & WATER-4 (Part 1 of 2)	Constr	Water used for project operation processing shall exclusively be reclaimed water from the City of Ceres Wastewater Treatment Plant. Pumping or purchasing groundwater for this supply source is prohibited. See Soil & Water-4 for requirements.	1) At least 60 days prior to commercial operation of A2PP, the project owner shall submit to the CPM evidence that metering devices are operational on the water supply and distribution systems.	N/A	60d prior commercial ops	TID	4/1/12			Not Started	The project owner shall maintain metering devices as part of the water supply and distribution systems to monitor and record, in gallons per day, the total volume(s) of water supplied to A2PP from the City of Ceres.
TRANS-3 (Part 2 of 2)	Constr	Road Mitigation--The project owner shall prepare a mitigation plan for Crows Landing Road; Service Road; Whitmore Avenue; Hatch Road; and Mitchell Road. See TRANS-3 for specific plan requirements.	If a roadway(s) has been damaged as a result of project construction, within 90 days following the completion of construction, the project owner shall provide photo/videotape documentation to the city of Ceres Public Works Department, Caltrans, County of Stanislaus Public Works Department and the CPM that the identified damaged sections of roadways have been restored to their pre-project condition.	Caltrans, County of Stanislaus Public Works, City of Ceres Public Works	If damaged, within 90d after construction complete	TID	6/27/12			Not Started	The intent of this plan is to ensure that if these roadways are damaged by project construction, they will be repaired and reconstructed to original or as near original condition as possible.
TLSN-1	Constr/Pre-line constr	The project owner shall construct the proposed new 115-V line and upgrade the identified 69-kV according to the requirements of CPUC's GO-95, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, and Section 2700 through 2974 of the California Code of Regulations and TID's EMF-reduction guidelines.	At least 30 days before starting construction of the transmission lines or related structures and facilities, submit to the CPM a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the Condition.	N/A	30d prior construction of t-lines or related facilities	TID	8/15/11	8/19/11		Submitted	Letter signed by Ed Jeffers (TID) mailed to CEC on 8/19. Emailed to Christine Stora on 8/22/11.
TLSN-3	Constr	The Project Owner shall use a qualified individual to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity identified by the applicant on page 3-27, and in Figures 3.1-5A through 3.15-5F.	1) Measure before lines are energized and submit the field measurement results to the CPM within 60 days of completion. 2) Measure after lines are energized no later than 6 months after the start of operations , and submit the field measurement results to the CPM within 60 days of completion.	N/A	1) before energized & 60d after measure 2) within 6 months after ops & 60d	TID	01/12 6/12 8/12	1/10/12		Submitted	The measurements shall be made before and after energization according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures. 01/10/12 Pre-Energization measurements submitted to the CEC.
TLSN-5	Constr	The project owner shall ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership.	At least 30 days before the lines are energized, the project owner shall transmit to the CPM a letter confirming compliance with this Condition.	N/A	30d before t-line is energized	TID	2/1/12			Not Started	
VIS-1	Constr	The project owner shall ensure that lighting for construction of the power plant is used in a manner that minimizes potential night lighting impacts. (See VIS-1 for specific construction lighting requirements.)	1) Within 7 days after first using construction lighting, notify CPM lighting ready for inspection. 2) If modifications are required they must be implemented within 15 days. Notify CPM that modifications completed. 3) Within 48 hours of receiving lighting complaint provide CPM with a complaint resolution form report, as specified in the General Conditions section, including a proposal to resolve the complaint, and a schedule for implementation. 4) Notify CPM within 48 hours of completing implementation of proposal. 5) Provide copy of completed complaint resolution form in next MCR.	N/A	1) 7d after 1st use of construction lights; 2) 15d of notification; 3) Within 48 hours of complaint; 4) Within 48 hours of resolution; 5) in next MCR	TID				Not Started	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
VIS-2 (part 1 of 2)	Constr	Permanent Exterior Lighting: To the extent feasible, consistent with safety and security considerations, the project owner shall design and install all permanent exterior lighting such that (a) lighting does not cause excess reflected glare; (b) direct lighting does not illuminate the nighttime sky; (c) illumination of the project and its immediate vicinity is minimized; and (d) the plan complies with local policies and ordinances. SEE VIS-2 for lighting mitigation plan requirements.	1) At least 90 days prior ordering permanent exterior lighting, contact CPM to determine documentation required for lighting mitigation plan. 2) At least 60 days prior to ordering any permanent exterior lighting, submit to CPM for review and approval and to city of Ceres Development Services Department for review and comment a lighting mitigation plan. 3) Prior to commercial operation, notify CPM that lighting has been completed and is ready for inspection. **	city of Ceres Development Services Department	1) 90d prior ordering exterior lighting; 2) 60d prior order; 3) prior commercial operation	TID/Susan	4/1/12	6/14/11	7/6/2011 7/12/11	Plan Approved	** If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification, the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.###Submitted to CEC and City of Ceres on 6/14/11. 6/28/11 CEC comments on plan rec' via email from Melissa Mourkas. 7/6/11 response to comments submitted to Melissa. 7/6/11 approval of plan from Melissa Mourkas rec'd via email. Approved by CEC via email from Mary Dyas on 7/12/11.
VIS-3	Constr	The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their color(s) minimize(s) visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be non-specular and non-reflective, and the insulators shall be non-reflective and non-refractive. See VIS-3 for surface treatment plan requirements.	1) At least 90 days prior commercial operation, submit treatment plan to city of Ceres Development Services Department for review and comment and to CPM for review and approval. Provide a copy of city submittal and city comments to CPM within 60 days of the start of construction. If CPM notifies project owner that any revisions of plan are needed, submit revised plan to the CPM within 30 days of receiving that notification. 2) Complete surface restoration within 60 days after start of commercial operation. Notify CPM within seven days after completion of surface restoration that restoration is ready for inspection. 3) Within 90 days after commercial operation, notify CPM that surface treatment of all listed structures and buildings has been completed and are ready for inspection, and shall submit one set of electronic color photographs from KOP identified in VIS-3.	city of Ceres Development Services Department	1) 90d prior commercial operation; within 60d of start of construction? ? 2) within 60d of commercial ops & 7d after restoration; 3) within 90d after commercial operation	TID	8/1/12	4/29/11	5/6/11	Plan Approved	Subsequent modifications to the treatment plan are prohibited without CPM approval. Plan submitted to CEC and City of Ceres on 4/29/11. Approved by CEC via email on 5/6/11.
WASTE-2	Constr	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 Dept. of Toxic Substances	1) If potentially contaminated soil is identified, provide a written report to the project owner, representatives of Dept. of Toxic Substances Control, and CPM stating the recommended course of action. 2) 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. 3) The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.	DTSC if necessary	1) If contaminated soil identified; 2) Within 5d of their receipt; 3) Within 24 hours of halt	CH2/PG&E				Not Started	Depending on the nature and extent of contamination, the Professional Engineer or Professional Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If, in the opinion of the Professional Engineer or Professional Geologist, significant remediation may be required, the project owner shall contact the CPM and representatives of the Department of Toxic Substances Control for guidance and possible oversight.
WASTE-4	All	Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed.	N/A	Within 10d of becoming aware of enforcement action	TID/PG&E				Not Started	
WASTE-6 (part 1 of 2)	Constr	The project owner shall prepare a Operation Waste Management Plan for all wastes generated during operation of the facility. See WASTE-6 for plan requirements.	1) Project owner shall submit the Operation Waste Management Plan to CPM for approval no less than 30 days prior to the start of project operation. 2) The project owner shall submit any required revisions to the CPM within 20 days of notification by the CPM that revisions are necessary.	N/A	1) 30d prior to start of operation; 2) Within 20d of notif.	CH2	5/1/12	11/22/11		Submitted	11/22/11 CH2MHill submitted Operations Waste Mgmt. Plan.
WASTE-7	All	The project owner shall ensure that all spills or releases of hazardous substances, hazardous materials, or hazardous waste are reported, cleaned-up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements. See WASTE-7 for documentation and reporting requirements.	Document all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors. Copies of the unauthorized spill documentation shall be provided to the CPM within 30 days of the date the release was discovered.	N/A	Within 30d, if occurs	TID/PG&E		7/6/11	8/12/11	Approved/Ongoing	7/6/11 submitted to CEC small diesel fuel spill info. Approved by CEC via email from Mary Dyas on 8/18/11.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
WORKER SAFETY-2	Constr	The project owner shall submit to the CPM a copy of the revised and updated Project Operations and Maintenance Safety and Health Program containing: an Operation Injury and Illness Prevention Plan; an Emergency Action Plan; Hazardous Materials Management Program; Operations Fire Prevention Program; and a Personal Protective Equipment Program.	1) Submit Operations Fire Prevention Plan, Hazardous Materials Management Program & Emergency Action Plan to Ceres Emergency Services-Fire Division for review and comment. 2) At least 30 days prior first-fire or commissioning, submit required plans to the CPM for approval. Provide a copy of a letter to the CPM from the CFD stating the Fire Dept.'s comments on the Operations Fire Prevention Plan and Emergency Action Plan.	Ceres Emergency Services-Fire Division (CFD)	1) TBD; 2) 30d prior fire-fire/ commiss.	TID	1) 1/1/12 2) 2/1/12			In progress	
WORKER SAFETY-3 (part 2 of 2)	Constr	The CSS shall submit in the MCR a monthly safety inspection report.	2) The contact information of any replacement CSS shall be submitted to CPM within one business day. 3) Submit monthly safety inspection report in each MCR during construction.	N/A	2) within 1 business day of replacing CSS 3) in MCRs	PMI				Ongoing	The safety inspection report is to include: record of all employees trained that month; summary report of safety management actions and safety-related incidents that month; any continuing or unresolved situations and incidents that may pose danger to life or health; and accidents and injuries that occurred during the month.
WORKER SAFETY-4 (Part 2 of 2)	Constr	The project owner shall make payments to the Chief Building Official (CBO) for services of a Safety Monitor.	1) Make payments as per agreement. 2) 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 WORKER SAFETY-3, implements all appropriate Cal/OSHA and Commission safety requirements.	CBO	1) As per agreement; 2) during construction	TID				Ongoing	The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.
WORKER SAFETY-5 (Part 2 of 3)	Constr	The project owner shall ensure that a portable automatic cardiac defibrillator (AED) is located on site during construction and operations and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times.	2) During construction and commissioning, the following persons shall be trained 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.	N/A	2) during construction	PMI				Ongoing	
GEN-1	All	The project owner shall design, construct, and inspect the project in accordance with the 2007 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California 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 laws, ordinances, regulations and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and	1) Within 30 days after receipt of the Certificate of Occupancy, submit to 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. 2) Provide CPM a copy of Certificate of Occupancy within 30 days of receipt from CBO. 3) Once the Certificate of Occupancy has been issued, inform CPM at least 30 days prior to any construction, addition, alteration, moving, or demolition to be performed on any portion(s) of the completed facility which may require CBO approval for the purpose of complying with the above stated codes. The CPM will then determine if the CBO needs to approve the work.	CBO	1) and 2) Within 30d after receipt of the Certificate of Occupancy; 3) at least 30d prior addition, alteration, etc. to completed facility	TID	2) 3/1/2012			Ongoing	In the event that the initial engineering designs are submitted to the CBO when the successor to the 2007 CBSC is in effect, the 2007 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed in GEN-1. ### The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility.
GEN-2 (part 2 of 2)	Constr	Facility design submittals, Master Drawing List and Master Specifications List.	2) The project owner shall provide schedule updates in the Monthly Compliance Report.	CBO	2) in MCRs	CH2				Ongoing	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
GEN-3	Constr	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.	The project owner shall make the required payments to the CBO in accordance with the agreement between the project owner and the CBO.	CBO	Make payment(s) as agreed	TID				Ongoing	These fees may be consistent with the fees listed in the 2007 CBC (2007 CBC, Appendix Chapter 1, § 108, Fees; Chapter 1, Section 108.4, Permits, Fees, Applications and Inspections), 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.
GEN-4 (Part 2 of 2)	Constr	Resident Engineer. See GEN-4 for resident engineer responsibilities.	3) If RE or delegated engineer(s) are reassigned or replaced, within five days submit resume and registration number of newly assigned engineer to CBO for review and approval. 4) Notify CPM of CBO's approval of new engineer(s) within five days of approval.	CBO	3) within 5 days if replaced or reassigned; 4) within 5 days after approval	TID				Not Started	The resident engineer shall have the authority to halt construction and to require changes or remedial work if the work does not meet requirements.
GEN-5 (Part 2 of 2)	Constr	Replacement or reassignment of engineers.	4) If any one of the designated responsible engineers is reassigned or replaced, within five days submit the resume and registration number of the newly assigned engineer to CBO for review and approval. 5) Notify CPM of CBO's approval of new engineer within five days of approval.	CBO	4) within 5 days if replaced or reassigned; 5) within 5 days after approval	TID				Not Started	No segment of the project shall have more than one responsible engineer.
GEN-6	Constr	Prior to the start of an activity requiring special inspection, 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 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). See GEN-6 for special inspector responsibilities.	1) At least 15 days (or within a project owner- and CBO-approved alternative timeframe) prior start of activity requiring special inspection, submit to CBO for review and approval, with a copy to CPM, the name(s)/qualifications of certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth in GEN-6. 2) Submit a copy of CBO's approval of all special inspectors to CPM in next MCR. 3) The special inspector shall furnish inspection reports to the CBO and RE. 4) The special inspector shall submit a final signed report to RE, and CBO stating whether the work was, to best of inspector's knowledge, in conformance with approved plans/specs and the applicable edition of the CBC.	CBO	1) 15d prior special inspection activity or alternate approved date; 2) Next MCR; 3) As occurs; 4) As completed	TID		5/25/11		Ongoing	If special inspector is reassigned or replaced, within five days submit the name and qualifications of the newly assigned special inspector to CBO for review and approval. Notify CPM of CBO's approval of new special inspector within five days of approval. ### All discrepancies shall be brought to the immediate attention of the RE for correction, then, if uncorrected, to the CBO for corrective action ### Names and qualifications of welding inspectors submitted to CEC 5/25/11. Resume of Gerard Hastings, proposed welding inspector submitted with MCR #5.
GEN-7	Constr	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 project owner shall inform the CPM, in the next monthly compliance report, of any corrective action taken to resolve a discrepancy.	CBO	1) if occurs; 2) in MCR	TID				Ongoing	The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.
GEN-8 (Part 1 of 2)	Constr	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.	1) Within 15 days of the completion of any work, submit to CBO (a) written notice that completed work is ready for final inspection, and (b) a signed statement that work conforms to the final approved plans. 2) After storing final approved engineering plans, specifications and calculations as described above, submit to CPM a letter stating that documents have been stored and indicate the storage location. 3) Within 90 days of completion of construction, provide the CBO with three sets of electronic copies of the documents at the project owner's expense.**	CBO	1) Within 15d of the completion of any work; 2) after storing plans; 3) within 90d of construction completion	TID				Ongoing	**These are to be provided in the form of "read only" files (Adobe .pdf 6.0), with restricted (password protected) printing privileges, on archive quality compact discs. ### The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at an alternative site approved by the CPM 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.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
CIVIL-2	Constr	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.	1) The project owner shall submit modified plans, specifications and calculations to the CBO based on these new conditions and obtain approval from the CBO before resuming earthwork and construction in affected area. 2) 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.	CBO	1) If occurs; 2) Within 24 hours of stop	TID				Ongoing	
CIVIL-3	Constr	The project owner shall perform inspections in accordance with the 2007 CBC, Appendix Chapter 1, Section 109, Inspections, Chapter 17, Section 1704, Special Inspections.	1) 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 CPM. 2) Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval. 3) Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO. 4) A list of NCRs for the reporting month shall also be included in the following Monthly Compliance Report.	CBO	1) If occurs, immediate notification; 2) Within 5d of discrepancy discovery; 2) within 5d of resolution of NCR; 3) in next MCR	TID				Not Started	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 CPM.
CIVIL-4	Constr	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.	1) Within 30 days (or within a project owner- and CBO-approved alternate time frame) of completion of erosion and sediment control mitigation and drainage work, submit to the CBO, for review and approval, final grading plans (including final changes) and responsible civil engineer's signed statement (See CIVIL-4). 2) The project owner shall submit a copy of the CBO's approval to the CPM in the next MCR.	CBO	1) Within 30d of the completion of specified facilities or alternate approved date; 2) in next MCR	CH2	4/30/12			Not Started	
STRUC-1	Constr	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 lists. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. See STRUC-1 for the full list of engineering, submittals, and responsible engineers' requirements.	1) At least 60 days (or project owner- and CBO-approved alternate time frame) prior start of any structure or component listed in the CBO-approved master drawing and master specifications list, the project owner shall submit to the CBO the final STRUC-1 design plans, specifications and calculations. 2) Submit to the CPM, in next MCR, a list of the structural plans and specifications that have been approved by the CBO.	CBO	1) 60d prior start of structure/component on CBO-approved list or alternate approved date; 2) In next MCR	CH2				Ongoing	Construction of any structure or component shall not commence until the CBO has approved the lateral force procedures to be employed in designing that structure or component.
STRUC-2	Constr	The project owner shall submit to the CBO the required number of sets of the documents listed in STRUC-2 related to work that has undergone CBO design review and approval. See STRUC-2 for specific documents required and for reporting requirements.	1) Submit docs listed in STRUC-2 to CBO. 2a) If a discrepancy is discovered in any of the STRUC-2 data, within five days, prepare and submit an NCR describing the discrepancies and proposed corrective action to CBO, with a copy of transmittal letter to the CPM. 2b) Within five days of resolution of the NCR, submit a copy of the corrective action to the CBO and the CPM.	CBO	1) As occurs; 2a) within 5d of discrep.; 2b) within 5d of resolution	CH2				Ongoing/ Not Started	
STRUC-3	Constr	The project owner shall submit to the CBO design changes to the final plans required by the 2007 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO.	CBO	On schedule suitable to CBO	CH2				Not Started	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
STRUC-4	Constr	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in 2007 CBC, Chapter 3, Table 307.1(2), shall, at a minimum, be designed to comply with the requirements of that Chapter.	1) At least 30 days (or within a project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials, submit to CBO for design review and approval final design plans, specs and calcs, including signed and stamped engineer's certification. 2) The project owner shall include a list of the CBO-approved plans in the following monthly compliance report.	CBO	1) 30d prior installs of tanks or vessels or alternate approved time frame; 2) in MCRs					N/A	
MECH-1	Constr	The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. See MECH-1 for specific requirements.	1) At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of any increment of major piping or plumbing construction submit to CBO for review and approval the final plans, specs and calc, applicable QA/QC procedures, and including signed and stamped statement from responsible mechanical engineer certifying compliance. 2) Transmit to the CPM, in the MCR following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	CBO	1) 30d prior piping or plumbing construction or alternate approved time frame; 2) in next MCR	CH2				In progress	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. ### The CBO may deputize inspectors to carry out the functions of the code enforcement agency.
MECH-2	Constr	For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal/OSHA), prior to operation, the code certification papers and other documents required by the applicable LORS. See MECH-2 for requirements.	1) At least 30 days (or project owner- and CBO-approved alternate time frame) prior start of on-site fabrication or installation of any pressure vessel, submit to the CBO for design review and approval, the MECH-2 listed documents, including a copy of the signed and stamped engineer's certification. 2) Transmit to the CPM, in the MCR following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal/OSHA inspection approvals.	CBO & Cal-OSHA	1) 30d prior fab/install of any pressure vessel or alternate approved time frame; 2) In next MCR	CH2		10/31/11		Submitted	Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal/OSHA inspection of that installation ### Documentation submitted to Cal/OSHA on 10/31/11.
MECH-3	Constr	The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. See MECH-3 for HVAC and submittal requirements.	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to construction of any HVAC or refrigeration system, submit to CBO required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from responsible mechanical engineer certifying compliance.	CBO	30d prior construction of HVAC or refrigeration system or alternate approved time frame	CH2				In progress	Upon completion of any increment of construction, the project owner shall request CBO's inspection and approval of that construction.
ELEC-1 (Part 1 of 2)	Constr	Prior to the start of any increment of electrical construction for all electrical equipment and systems 480 volts and higher (see representative list in ELEC-1) with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, the project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations. See ELEC-1 for required documents and calculations.	1) At least 30 days (or alternative time frame) prior to start of each increment of electrical construction, submit to CBO for design review and approval the ELEC-1 documents. Include a copy of signed and stamped statement from responsible electrical engineer attesting compliance with applicable LORS. 2) Report the following activities in the MCR: Receipt or delay of major electrical equipment; Testing or energization of major electrical equipment; and, a signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission Decision.	CBO	1a) At least 30d prior to start of each increment of electrical construction or alternate approved date; 2) In MCRs	CH2				Submitted/ Ongoing	The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. ### Upon approval, the listed plans, together with design changes and design change notices, shall remain on the site or another accessible location for the operating life of the project. Electrical engineers statement submitted with MCR #2 on 5/15/11.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Commission Decision Dec 2010

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
PAL-1 (Part 2 of 2)	Constr	The project owner shall provide the CPM with the resume and qualifications of the Paleontological Resource Specialist (PRS) for review and approval. The project owner shall submit to the CPM to keep on file resumes of the qualified Paleontological Resource Monitors (PRMs).	If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM.	N/A	If occurs	CH2		5/25/2011 8/22/11 9/1/11 9/10/11 01/10/12		Submitted	Prior to the termination or release of a PRS, the project owner shall submit the resume of the proposed new PRS to the CPM for review and approval.### Resume of Adam Jackson submitted on 5/25/11. Resume of James Verdooff submitted on 8/22/11. 10/3/11 J. Verdooff approved via email from C. Stora. However, add'l info re: resume requested. 9/1/11 resume for Michelle Kay submitted to CEC. 9/19/11 email from C. Stora rec'd with question regarding M. Kay's availability. Response emailed to C. Stora on 9/19/11. 9/10/11 resume for Zack Hruby submitted. 9/20/11 resume for A. Ruelas submitted. 9/26/11 question from Christopher Dennis rec'd re: A. Ruelas qualifications. 9/27/11 G. Spaulding spoke to C. Dennis to resolve questions. Revised resme for James Verdooff submitted.
PAL-2 (part 2 of 2)	Constr	At a minimum, the project owner shall ensure that the PRS or PRM consults weekly with the project superintendent or construction field manager to confirm area(s) to be worked during the next week, until ground disturbance is completed.	2) If project will proceed in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes. 3) At a minimum, ensure that PRS or PRM consults weekly with project superintendent or construction field manager to confirm areas to be worked during the next week, until ground disturbance is complete	N/A	2) prior start of each phase; 3) Weekly			5/25/11		Submitted	If the footprint of the power plant or linear facility changes, the project owner shall provide maps and drawings reflecting these changes to the PRS at least 15 days prior 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 implementing the changes. ### Letter regarding gas pipeline maps submitted 5/25/11.
PAL-4 (part 2 of 2)	Constr	For the duration of construction activities involving ground disturbance, the project owner and the PRS shall conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, forepersons and general workers involved with or who operate ground-disturbing equipment or tools.	3) In the MCR, provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	N/A	3) In MCRs	Susan/CH2				Ongoing	Workers shall not excavate in sensitive areas prior to receiving CPM-approved worker training. Worker training shall consist of a CPM-approved video or an in-person presentation. A sticker that shall be placed on hard hats indicating that environmental training has been completed. ### If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct training prior to CPM authorization.
PAL-5	Constr	The project owner shall ensure that the PRS and PRM(s) monitors consistent with the PRMMP, all construction-related grading, excavation, trenching, and augering in areas where potentially fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. The project owner shall ensure that the PRS and PRM(s) have the authority to halt or redirect construction if paleontological resources are encountered. The project owner shall ensure that there is no interference with monitoring activities unless directed by the PRS. Monitoring activities shall be conducted as outlined in Condition PAL-5. Also, see Condition PAL-5 for MCR reporting requirements.	1) Keep daily logs of monitoring of paleontological resource activities and submit summaries in MCRs. 2) When feasible, CPM shall be notified 10 days in advance of any proposed changes in monitoring different from that in PRMMP. If unforeseen change in monitoring, notice shall be given asap prior to implementation of the change. 3) Ensure that PRS notifies CPM within 24 hours of any incidents of non-compliance and recommends corrective action. 4) For any significant paleontological resource encountered, project owner or PRS shall notify CPM within 24 hours or on the morning of the following business day in case of weekend or holiday event when construction has been halted due to paleo find.	N/A	1) In MCRs; 2) Within 10d of proposed changes in monitoring; 3) within 24 hours; 4) within 24 hours	CH2				Ongoing	In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. ### Any change of monitoring different from the accepted schedule presented in the PRMMP shall be proposed in a letter or email from the PRS and the project owner to the CPM for review and approval prior to the change in monitoring and will be included in the MCR. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.
PAL-6 (Part 1 of 2)	Constr	The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during project construction.	1) A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	curating facility	1) at curation, if find	CH2				Not Started	The project owner shall be responsible to pay any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation.
PAL-7	Constr	The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. See PAL-7 for PRR requirements.	Within 90 days after completion of ground disturbing activities, including landscaping, the project owner shall submit the Paleontological Resources Report <u>under confidential cover</u> to the CPM.	N/A	90d after ground disturbing activities	CH2	3/1/12			Not Started	
TSE-1 (Part 2 of 2)	Constr	The project owner shall furnish to the Compliance Project Manager (CPM) and to the Chief Building Official (CBO) a schedule of transmission facility design submittals, a master drawing list, a master specifications list, and a major equipment and structure list.	2) The project owner shall provide submittal schedule updates in the Monthly Compliance Report.	CBO	2) in MCRs	TID				Ongoing	

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
TSE-2 (Part 2 of 2)	Constr	Project owner shall assign an electrical engineer and at least one of each of the following to the project: A) a civil engineer; B) a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports. See TSE-2 for additional information and electrical engineer duties.	2) If any of the designated responsible engineers are reassigned or replaced, within five days submit the name, qualifications and registration number of the newly assigned engineer to CBO for review and approval.	CBO	2) within 5 days if replaced or reassigned	TID				Not Started	The engineer assigned in conformance with Facility Design condition GEN-5, may be responsible for design and review of the TSE facilities. ### Business and Professions Code, sections 6704 et seq. require state registration to practice as a civil engineer or structural engineer in California. ### Engineer shall be authorized to halt earthwork and to require changes if site conditions are unsafe or do not conform with predicted conditions used as a basis for design of earthwork or foundations. ### The tasks performed by an electrical, civil, geotechnical or design engineer may be divided between two or more engineers, as long as a single engineer is responsible for each segment of the project (electrical, civil, geotechnical, and design).
TSE-3	Constr	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 corrective action (pursuant to 2001 California Building Code, chapter 1, section 108.4; chapter 17, section 1701.3; appendix chapter 33, section 3317.7).	1) The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and shall reference this condition of certification. 2) Submit a copy of the final CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	CBO	1) if occurs; 2) If occurs	TID				Not Started	
TSE-4	Constr	For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO. These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	1) At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction, submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS. 2) Report the following activities in the MCR: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be approved.	CBO	1) 30d prior start of each increment; 2) in MCRs	TID				In progress	
TSE-5	Constr	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS. See TSE-5 for complete list of line requirements and the verification section for a list of submittals required.	1) Letters from PG&E, MID and WAPA as per TSE-5, verification #4. 2) At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO), the project owner shall submit to the CBO for approval items #1 through #4 listed in the verification section of Condition TSE-5. 3) At least 60 days prior to the construction of transmission facilities, the project owner shall inform the CBO and the CPM of any impending changes that may not conform to the facilities described in this condition, and shall request approval to implement such changes.	CBO	1) TBD 2) and 3) 60d prior construction of transmission facility;	TID				Ongoing	A request for minor changes to the facilities described in this condition may be allowed if the project owner informs the CBO and CPM and receives approval for the proposed change. A detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change shall accompany the request. Construction involving changed equipment or substation configurations shall not begin without prior written approval of the changes by the CBO and the CPM.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
TSE-6	Constr	The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM- and CBO-approved changes thereto, to ensure conformance with the LORS listed in TSE-6.	1) In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken. 2) Within 60 days after first synchronization of the project, the project owner shall transmit to the CBO the items outlined in the verification section of TSE-6. See TSE-6 for required documents.	CBO	1) Within 10d of discovering non-conform. 2) Within 60d after 1st synch	TID	5/1/12			Not Started	
COM-1	All	Unrestricted Access--The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained on site for the purpose of conducting audits, surveys, inspections, and general site visits.	No submittal required	N/A	N/A	TID				Ongoing	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.
COM-2	All	Compliance Record--The project owner shall maintain project files on site or at an alternative site approved by the CPM. Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	No submittal required	N/A	N/A	Susan				Ongoing	Maintain project files for the life of the project unless a lesser period of time is specified by the conditions of certification. The files shall contain copies of all "as-built" drawings, documents submitted for verification for conditions, and other project-related documents.
COM-3	All	Compliance Verification Submittals: The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent. The verification procedures, unlike the conditions, may be modified as necessary by the CPM. See COMPLIANCE-3 for compliance verification, cover letter requirements, and compliance submittal address.	Hard copies are to be submitted to address listed in COM-3, and those submittals shall be accompanied by a searchable electronic copy, on CD or by e-mail, as agreed upon by the CPM.	N/A	As required	CH2/Susan				Ongoing	Verification lead times associated with the start of construction may require submittals during the certification process, particularly if construction is planned to commence shortly after certification. (Per COMPLIANCE-4, the submittal of compliance documents prior project certification is at the owner's own risk. Any approval by Energy Commission staff is subject to change, based upon the Commission Decision.) If project owner desires Energy Commission staff action by a specific date, request it in the cover letter, and provide a detailed explanation of the effects on the project if the date is not met.

Almond 2 Power Plant Project CEC Construction Compliance Matrix

Mobilization Start Date 2/25/11

Condition	Phase	Description	Verification/Action/Submittal Required	Other Review Required	Timeframe	Resp. Party	Sched. Date	Date Submitted	Date Approved	Status	Comments
COM-5	Constr	Compliance Matrix--See COMPLIANCE-5 for matrix requirements.	The project owner shall submit a compliance matrix (in spreadsheet format) with each monthly and annual compliance report which includes the current status of all compliance conditions of certification.	N/A	In MCRs during construction and in ACRs during operation	Susan				Ongoing	Satisfied conditions shall be placed at the end of the matrix.
COM-6	Constr	Monthly Compliance Report (MCR) including Key Events List--During construction, the project owner shall submit MCRs which include specific information.--See COMPLIANCE-6 for complete list of MCR requirements.	The first MCR is due one month following the Energy Commission business meeting date on which the project was approved, unless otherwise agreed to by the CPM. The first MCR shall include the AFC number and an initial list of dates for each of the events identified on the Key Events List (found at end of General Conditions). All sections, exhibits, or addendums shall be separated by tabbed dividers or as acceptable by CPM.	N/A	1st MCR due 1 month following project approval & within 10d after end of reporting period thereafter	Susan	MCR due the 10th of each month			Ongoing	During pre-construction and construction of the project, submit an original and an electronic searchable version of the MCR within 10 working days after the end of the reporting period.
COM-8	All	Confidential Information	Any information the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with a request for confidentiality.	N/A	if required	TID				Not Started	Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501. et. seq.
COM-9	All	Annual Energy Facility Compliance Fee: The project owner is required to pay an annual compliance fee, which is adjusted annually. Current compliance fee information is available on the Energy Commission's website or from the CPM. See COMPLIANCE-9 for payment instructions.	1) The initial payment is due on the date the Energy Commission adopts the final decision. 2) All subsequent payments are due by July 1 of each year the facility retains its certification.	N/A	1) When commission decision adopted. 2) July 1st of each year		July Each Year			In progress	First payment made on 12/15/10.
COM-10 (Part 2 of 2)	All	Reporting of Complaints, Notices and Citations	2) Provide copies to CPM of all complaint forms, including noise and lighting complaints, notices of violation, notices of fines, official warnings, and citations, within 10 days of receipt. Complaints shall be logged and numbered. Noise complaints shall be recorded on the form provided in the NOISE conditions of certification. All other complaints shall be recorded on the complaint form (Attachment A).	N/A	within 10d of receipt	TID		5/20/11		Submitted	PG&E letter with phone number submitted on 5/20/11.
COM-12 (part 1 of 2)	Constr	Unplanned Temporary Facility Closure/On-site Contingency Plan: See COMPLIANCE-12 for specific plan requirements.	1) The project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation (or other time agreed to by the CPM).	N/A	1) 60d prior commercial operation	TID	1/27/12			In progress	The approved plan must be in place prior to commercial operation and shall be kept on site at all times.
COM-14	All	Post-Certification changes to the Decision: Amendments, Ownership Changes, Staff Approved Project Modifications and Verification Changes--See COMPLIANCE-14 for important detailed information about amendments, change of ownership, project modifications, and verification changes, including information on how each must be handled and how each are processed.	A petition is required for amendments and for staff approved project modifications as specified in Condition COMPLIANCE-14. For verification changes, a letter from the project owner is sufficient.	N/A	If post-certification changes	TID				Not Started	Project Owner must petition the CEC in order to delete or change a condition of certification, modify the project (including linear facilities) design, operation or performance requirements, and/or to transfer ownership or operational control of the facility. <u>It is the responsibility of the project owner to contact the CPM to determine if a proposed change should be considered a project modification. Implementation of a project modification without first securing Energy Commission, or Energy Commission staff approval, may result in enforcement action that could result in civil penalties.</u>