

GRENIER & ASSOCIATES, INC.

ENVIRONMENTAL PLANNING • LICENSING & PERMITTING • REGULATORY COMPLIANCE

August 22, 2011

Compliance Log #2011-015

Ms. Christine Stora
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814

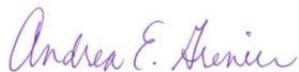
Subject: Lodi Energy Center (08-AFC-10C)
Condition of Certification COM-6
Monthly Compliance Report #12

Dear Ms. Stora:

In compliance with Condition of Certification COM-6 as set forth in the California Energy Commission's Final Decision for the Lodi Energy Center Project, enclosed please find one hard copy and one electronic version of the project's twelfth Monthly Compliance Report for the period ending July 31, 2011.

If you have any questions regarding this submittal, please contact me at (916) 780-1171.

Sincerely,



Andrea Grenier
Environmental Compliance Manager
for the Lodi Energy Center Project

cc: Ed Warner, NCPA



Lodi Energy Center Project



July 2011
Reporting Period

Monthly Compliance Report #12

This document has been prepared by Grenier & Associates, Inc. on behalf of the Northern California Power Agency and represents the twelfth monthly compliance report for the Lodi Energy Center Project. The information contained in this report covers engineering, procurement, construction, and environmental compliance activities performed during July 2011.

Lodi Energy Center Project

Docket 08-AFC-10C

July 2011
Reporting Period

Monthly Compliance Report #12

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MONTHLY COMPLIANCE REPORT #12

ONE | INTRODUCTION

On April 21, 2010, the California Energy Commission (CEC) issued a license to the Northern California Power Agency (NCPA) for the construction and operation of the Lodi Energy Center Project. The CEC Compliance Project Manager (CPM) issued an Authority to Construct letter to NCPA on July 14, 2010, allowing the start of construction activities for all power plant and related linear facilities.

This document constitutes NCPA's twelfth Monthly Compliance Report (MCR) for the Lodi Energy Center Project, as required by Condition of Certification COM-6 in the CEC Final Decision for the Project. The information in this report documents the engineering, procurement, construction, and compliance activities that were performed during July 2011.

TWO | OVERALL PROJECT STATUS

NCPA has contracted with several companies to provide the engineering, procurement, and construction services needed to build the Lodi Energy Center Project. WorleyParsons (WP) is performing as NCPA's owners engineer and construction manager, providing engineering, procurement, and design services and overseeing the construction of the project. Siemens is providing the power island equipment, which includes the combustion turbine generator and associated equipment. ARB, Inc. (ARB) is the construction contractor for the power plant and transmission interconnection facilities. Pacific Gas and Electric Company (PG&E) will design, build, and operate the natural gas pipeline associated with the project.

As of the end of July 2011, the project was 69 percent complete overall. The following table presents the percent complete numbers for the engineering, procurement, and construction activities as of the end of the month.

Activity	% Complete
Engineering	99.9
Procurement	100.0
Construction	47.2

In July, all engineering activity was completed with the exception of continued work necessary to support construction vendor submittal reviews and Request for Information (RFI) support.

During July, construction activities associated with the erection of the CTG continued, with the installation of the CTG and CT Enclosures, CT piping systems, and Inlet Air Filter support steel. Pulling of cable from the Siemens Electrical Package to field devices was started and MV cable pulls from PDC #2 to the UATs were completed. The STG and its components are in transit from Europe, and are expected to arrive at the port of Stockton in mid-August. Foundations for the 230KV poles, various BOP equipment pieces (i.e., vacuum pumps, air compressors, station transformers, and heat exchangers), and the STG area pipe rack were completed. Major erection and siding of the STG Enclosure was completed, and erection of the Water Treatment Building structure was begun.

Erection of the switchyard equipment was completed and Cupertino continued with conduit installations, making ready for cable pulls for Switchyard control. ARB completed erection of the HRSG platforms, and continued the installation of the interconnecting steam and drains piping for the HRSG. Weld out of the Condenser inlet transition resumed to make ready for the setting of the ST IP/LP section. Ductbank construction and underground piping continued. ARB continued backfilling activities.

Weekly coordination calls were held during the reporting period between NCPA, WP, and ARB. A Monthly Progress Meeting was held on July 27, 2011. A project summary schedule is included in Exhibit 1 of this report. An updated key events list is included in Exhibit 2. The anticipated commercial operation date for the LEC is June 2012.

An aerial view of the project site taken in July is shown in Figure 1. Additional construction photos taken during the reporting period are provided in Exhibits 3 and 8.



FIGURE 1: AERIAL VIEW OF LEC PROJECT SITE – July 2011

THREE | CONSTRUCTION AND COMMISSIONING ACTIVITIES

Previous reports provided detailed information on the engineering, procurement, and construction activities accomplished during the reporting period. Now that the bulk of the major engineering and procurement activities have been completed, this report focuses on the construction activities that were accomplished during the reporting period. As work on commissioning activities begins, a description of those activities will be incorporated into future reports.

Construction

The following major construction activities were accomplished LEC project site during July:

General Activities

- Continued procurement, field fabrication and shop fabrication of aboveground piping

STG Activities

- Continued STG building HVAC
- Started STG building LV electrical
- Completed STG Skin and pipe rack foundations
- Completed Closed Cooling HX foundation
- Completed Patio Slab
- Commenced foundations south of STG building
- Completed vacuum pump foundation
- Commenced installation of STG building fire protection system

HRSR Activities

- Continued installation of LP & IP large bore piping
- Continued installation of small bore piping
- Continued fabrication of HRSR vendor supplied piping
- Continued installation of interconnecting LB piping at the top of HRSR
- Continued installation of lower HRSR interconnecting piping
- Continued installation of HRSR exterior drains
- Continued AIG piping
- Continued HRSR piping and supports
- Continued HRSR lighting
- Set Rotor Air Cooler and commenced piping
- Continued HRSR Pipe Rack stairs, ladders, platforms and handrails
- Commenced installation of HRSR cable tray and conduit
- Commenced AG Piping Supports and Piping

West Area Activities

- Completed west corridor underground piping
- Completed 480kv transformer pads next to HRSG PDC
- Complete miscellaneous foundations for stairs and ladders.
- Commenced subgrade at west corridor
- Continue 4160 distribution
- Continued PDC#1 and #2 support and cable tray, pull cable, terminations

Cooling Tower Area

- Continue installation of LB piping south of cooling tower
- Completed subgrade at south corridor and around cooling tower area

CTG Area Activities

- Continued (repeated) erection Generator enclosure building
- Continued erection of turbine walls, stairs and platforms
- Commenced setting CTG related mechanical equipment
- Continued CTG piping and electrical
- Continued CTG area structural steel

Water Treatment Corridor Activities

- Continued Water Treatment Building (WTB) foundations (west and south)
- Continued WTB west UG piping (completed at WT corridor)
- Completed WTB curbs and housekeeping pads
- Commenced staging of WTB steel, erection of WTB, and rough set of WTB equipment
- Completed subgrade at Water Treatment Corridor

North Area Activities

- Completed transmission tower foundations
- Completed trim out of main transformer
- Continued trim out of aux. transformer
- Continued installation of raw water line at White Slough
- Completed installation of storm drain line at White Slough
- Commenced installation of ISO Phase bust duct and cable
- Completed, removed and reinstalled access platforms at transformers
- Completed ductbank 0221 and White Slough ductbank

East Area Activities

- Completed Service Water Tank foundation (south corridor)
- Continued installation of duct bank 0331 and transmission tower foundation work

Key construction activities ***planned for August 2011*** are described below:

General Activities

- Continue procurement, field fabrication and shop fabrication of aboveground piping
- Commence setting 230Kv Poles

STG Activities

- Continue STG Building HVAC
- Continue STG build LV electrical
- Continue STG under-roof electrical
- Complete STG pipe rack foundations
- Complete foundations south of STG building
- Continue STG GSU Foundation
- Commence STG Enclosure interior support steel
- Commence receipt and installation of ST Equipment
- Continue installation of steam surface condenser

HRSR Activities

- Complete installation of large bore piping
- Complete installation of interconnecting LB piping at the top of HRSR
- Complete installation of lower HRSR interconnecting piping
- Complete installation of HRSR exterior drains
- Continue installation of SB Code piping & supports
- Continue installation of field trim piping
- Continue AIG piping
- Continue HRSR lighting
- Complete HRSR Pipe Rack stairs, ladders, platforms and handrails
- Continue PDC#2 conduit and cable
- Continue AG Piping Supports and Piping

West Area Activities

- Continue PDC#1 support and cable tray, pull cable, terminations
- Continue PDC#2 support and cable tray, pull cable, terminations
- Complete installation of Aux Boiler foundation
- Complete installation of 480kv transformer pad next to CTG

Cooling Tower Area

- Complete installation of LB piping south of cooling tower

CTG Area Activities

- Complete erection Generator enclosure building
- Continue setting CTG related mechanical equipment
- Continue CTG piping
- Continue CTG electrical and CTG area structural steel and filter house

Water Treatment Corridor Activities

- Continue Water Treatment Building (WTB) foundations (west and south)
- Complete WTB UG piping
- Continue erection of WTB
- Commence WTB masonry
- Commence erection of WTB skin
- Continue rough set of WTB equipment

North Area Activities

- Complete installation of raw water line at White Slough
- Continue installation of ISO Phase bust duct, cable and electrical at CT equipment

East Area Activities

- Complete installation of duct bank 0331
- Complete underground pipe east of HRSG and underneath FGC foundations
- Commence installation of fuel gas area foundations

Commissioning

Information on commissioning activities will be provided in future reports once such activities are initiated.

FOUR | COMPLIANCE ACTIVITIES

This section of the monthly compliance report provides input on NCPA's activities related to ensuring that compliance with all the Conditions of Certification as set forth in the CEC's Final Decision for the Lodi Energy Center Project is achieved in a timely and satisfactory manner. The following information is provided per the requirements set forth in Condition of Certification COM-6.

Compliance Matrix

The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates of any approvals by the CBO, CEC CPM, or delegate agency.

Completed Compliance Activities

During July, Monthly Compliance Report #11 was submitted to the CEC CPM.

Required Documents Submitted With This Report

The Final Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in this MCR. The following paragraphs describe the compliance activities that were completed during the July 2011 reporting period:

AQ-SC1: The Air Quality Construction Mitigation Manager (AQCOMM) for the project, Jeff Latham, is responsible for directing and documenting compliance with Air Quality Conditions of Certification AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction. Additional AQCOMM delegates will be assigned as needed to cover situations when there are multiple tasks occurring simultaneously that require oversight, extended hours of construction, or when the AQCOMM is unavailable. A copy of the AQCOMM's daily monitoring log is available on site for the CPM's inspection.

AQ-SC2: Construction mitigation measures as set forth in Conditions AQ-SC3, AQ-SC4, and AQ-SC5 as well as in the LEC Air Quality Construction Mitigation Plan were complied with during the reporting period. The AQCOMM's monthly report is included in Exhibit 7.

AQ-SC3: Approximately 196,000 gallons of construction water from the White Slough Water Pollution Control Facility were used for dust control purposes. Work activities requiring dust control are more completely described in the AQCOMM's monthly report included in Exhibit 7.

AQ-SC4: Dust plume control measures were implemented as necessary and information on their use (if required) is included in the AQCOMM's monthly report included in Exhibit 7.

AQ-SC5: A summary of the diesel engine certification information required by this condition is included as part of the AQCOMM's monthly report included in Exhibit 7, along with diesel fuel purchase information.

BIO-2: Rick Crowe is the Designated Biologist for the LEC Project. His monthly Biological Resources Mitigation Implementation and Monitoring Report, which provides a summary of the July 2011 construction activities and associated biological monitoring, is included in Exhibit 8.

BIO-5: In accordance with this condition, 69 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,004. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 9.

BIO-6: This condition requires that the Designated Biologist/Biological Monitor's provide monthly documentation on how the biological mitigation measures included in the BRMIMP have been implemented during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 8).

BIO-7: This condition requires that the Designated Biologist/Biological Monitor's provide monthly documentation on how the impact avoidance and minimization measures have been implemented during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 8).

BIO-8: This condition requires that the Designated Biologist/Biological Monitor's provide monthly documentation on how measures to minimize or avoid harassment or harm to sensitive species have been implemented during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 8).

BIO-9: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of giant garter snake mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

BIO-10: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of burrowing owl mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

BIO-11: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of Swainson's hawk mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

BIO-12: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of migratory bird mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

BIO-13: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of northwestern and western pond turtle mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

CIVIL 1-4: Copies of relevant CBO approval letters are provided as part of Exhibit 4.

COM-5: The updated compliance matrix is provided in Exhibit 6.

CUL-5: In accordance with this condition, 69 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,004. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 9.

CUL-6: The Cultural Resources Specialist's monthly summary report is included in Exhibit 8.

GEN-2: To reduce the size of this MCR, the updated list is available for viewing by accessing the LEC Project webpage that has been set up by the CBO.

GEN-3: During July, NCPA made payments to the CBO in the amount of \$67,859.

GEN-6: Information related to the approval of special inspectors and fabricators during the reporting period is included in Exhibit 4.

MECH-1: Information related to inspection approvals of any major piping or plumbing mechanical systems is provided in Exhibit 4.

MECH-2: Information related to the inspection approvals of any HVAC and pressure vessel systems is provided in Exhibit 4.

PAL-4: In accordance with this condition, 69 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,004. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 9.

PAL-5: The Paleontological Resource Specialist's monthly report is included in Exhibit 8.

S&W-2: Information related to the implementation of construction SWPPP activities is included in the Air Quality Construction Mitigation Manager's Monthly Report provided in Exhibit 7.

STRUC-1: Copies of relevant CBO approval letters are provided as part of Exhibit 4.

STRUC-4: Information related to the CBO's approval of any structural inspections is provided in Exhibit 4.

TSE-1: WorleyParsons initial submittal of the master drawing and spec list of the transmission system was approved by the CBO on August 5, 2010. To reduce the size of this MCR, the updated list is available for viewing by accessing the LEC Project webpage that has been set up by the CBO.

TSE-4: This condition requires information related to the following topics: 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 submitted. To date, the GSU's, Aux Transformers, PDCs, High Voltage Circuit Breaker and Disconnects, and Switchyard structural steel have been received. The replacement transformer for the existing STIG plan has been received and tested and commissioned.

VIS-1: No construction-related lighting complaints were received during the reporting period.

VIS-4: The exterior lighting plan was submitted to both the City of Lodi and San Joaquin County Planning Departments on March 18, 2011. The CEC Staff approved the plan on June 9, 2011.

WASTE-8: On the evening of July 27, 2011, the pressure in the CTG GSU transformer rose to a point where the relief valve was triggered, resulting in the release of approximately 50 to 100 gallons of Nitro 11 GBX oil from the transformer. The spill was cleaned up by Fremouw Environment Services, Inc. As required by Condition of Certification WASTE-8, a copy of the Incident Report will be submitted to the CEC CPM within 30 days of the unauthorized release.

Worker Safety-3: NCPA's Construction Safety Supervisor's monthly safety report is included in Exhibit 10.

Worker Safety-4: The CBO is providing the services of a Site Safety Monitor who will provide monthly reports on the implementation of all Cal/OSHA and CEC safety requirements. The CBO Safety Monitor's monthly report is included in Exhibit 10.

Submittal Deadlines Not Met

No submittal deadlines were missed during the reporting period.

Approved Changes to Conditions of Certification

NCPA filed a petition in July 19, 2011 with the CEC CPM requesting changes to the project's gas line route. The amendment is required to accommodate final design plans developed by PG&E during the last several months. NCPA is working closely with the CEC CPM to provide any additional information needed by Staff to prepare its analysis.

Filings or Permits Issued by Other Governmental Agencies

No filings or permits were issued by other governmental agencies during July.

Projected Compliance Activities for August/September 2011

NCPA will continue to report progress on the compliance activities noted above. In addition, the following compliance documents will continue to be monitored with the CEC or submitted during August/September:

- AQ-61 – CEMS Protocol
- Heavy Haul Transportation Permits, as obtained
- Waste-8 Incident Reports, as necessary

Listing of Additions to Onsite Compliance Files During the Reporting Period

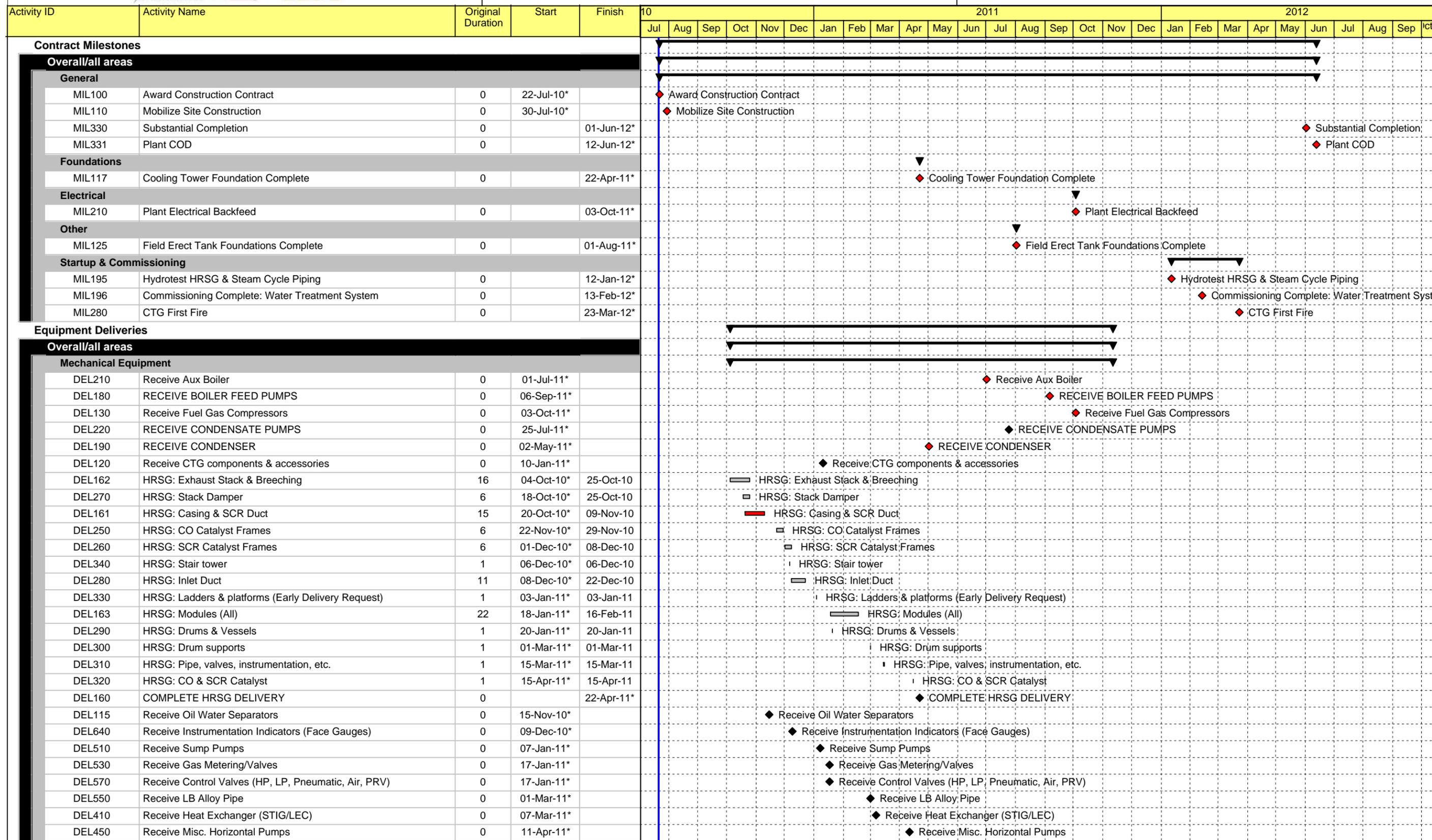
Copies of the documents included in the exhibits to this monthly compliance report have been added to the onsite compliance files.

Requests to Dispose of Items Required To Be In Compliance Files

For this reporting period, no requests are being made for the disposal of items listed in the project owner's compliance files.

Exhibit 1

Project Summary Schedule



▬ Remaining Summary (LOE)
 ▬ Critical Remaining Work
 ◆ Milestone
 ◆ Critical Milestone
 ▬ Summary

Activity ID	Activity Name	Original Duration	Start	Finish	2011												2012													
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
REL210	Cooling tower - Move	1	04-Jan-11	04-Jan-11																										
REL220	Cooling tower - Hook up	2	05-Jan-11	06-Jan-11																										
REL230	Cooling tower - Demo old area	2	05-Jan-11	06-Jan-11																										
Electrical																														
REL200_3	Research existing system interface	15	07-Sep-10*	27-Sep-10																										
REL200_2	Detail systems	10	17-Sep-10	30-Sep-10																										
REL200_5	Vault and basic commodity's approval	15	17-Sep-10	07-Oct-10																										
REL200_4	Develop MOP's	12	28-Sep-10	13-Oct-10																										
REL200_6	Vault procurement	10	08-Oct-10	21-Oct-10																										
REL200_7	Delivery	3	22-Oct-10	26-Oct-10																										
REL200_8	DB-0921 12kv & 13.8 kv (Poles to MH-09 & comp. area)	41	27-Oct-10	22-Dec-10																										
REL200_12	MH-09 to MH-08	16	27-Oct-10	17-Nov-10																										
REL200_24	DB-0421 (MH-04 to MH-05)	44	27-Oct-10	27-Dec-10																										
REL200_28	MH-04 to Switchgear Room	41	27-Oct-10	22-Dec-10																										
REL200_32	Excavate, place, cad weld and test ground grid	40	15-Nov-10*	07-Jan-11																										
REL200_13	Pull conductors	15	18-Nov-10	08-Dec-10																										
REL200_14	Terminate and pre test	10	09-Dec-10	22-Dec-10																										
REL200_42	Pothole and locate gas line near DB-0521	2	22-Dec-10	23-Dec-10*																										
REL200_9	Pull conductors	21	23-Dec-10	20-Jan-11																										
REL200_15	Start up and commissioning	7	23-Dec-10	31-Dec-10																										
REL200_29	Pull conductors	22	23-Dec-10	21-Jan-11																										
CON4910	DB-0521 (MH-05 to MH-06)	37	24-Dec-10	14-Feb-11																										
REL200_25	Pull conductors	21	28-Dec-10	25-Jan-11																										
REL200_16	MH-08 to Switchgear Room	16	03-Jan-11	24-Jan-11																										
REL200_10	Terminate and pre test	14	21-Jan-11	09-Feb-11																										
REL200_30	Terminate and pre test	30	24-Jan-11	04-Mar-11																										
REL200_17	Pull conductors	15	25-Jan-11	14-Feb-11																										
REL200_26	Terminate and pre test	10	26-Jan-11	08-Feb-11																										
REL200_27	Start up and commissioning	5	09-Feb-11	15-Feb-11																										
REL200_11	Start up and commissioning	7	10-Feb-11	18-Feb-11																										
REL200_18	Terminate and pre test	10	15-Feb-11	28-Feb-11																										
REL200_21	Pull conductors	15	15-Feb-11	07-Mar-11																										
REL200_19	Start up and commissioning	10	01-Mar-11	14-Mar-11																										
REL200_31	Start up and commissioning	20	07-Mar-11	01-Apr-11																										
REL200_22	Terminate and pre test	5	08-Mar-11	14-Mar-11																										
REL200_23	Start up and commissioning	5	15-Mar-11	21-Mar-11																										
Construction Procurement																														
Overall/all areas																														
Civil																														
CON4290	Sheet pile Engineering	3	08-Sep-10	10-Sep-10																										
Piping - Underground																														
CON070	Procure circ water pipe	50	03-Sep-10	11-Nov-10																										
Structural Steel																														
CON4250	Structural Steel Submittals	40	13-Oct-10	07-Dec-10																										
CON4270	Relocated Cooling Tower Foundation Rebar Submittals	20	17-Nov-10	14-Dec-10																										
CON4240	Structural Steel Fabrication	95	08-Dec-10	19-Apr-11																										
CTG Area																														
Piping - Underground																														

█ Remaining Summary (LOE)
 █ Critical Remaining Work
 ◆ Milestone
 Remaining Work
 ◆ Critical Milestone
 ▾ Summary

Activity ID	Activity Name	Original Duration	Start	Finish	2011												2012													
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
CON3210	CIRCULATING WATER BIOCIDES DOSING PUMP SKID	1	08-Apr-11	08-Apr-11																										
CON3280	CIRCULATING WATER SAMPLE PANEL	1	08-Apr-11	08-Apr-11																										
CON2880	CT FUEL GAS HEATER	0	17-Aug-11	17-Aug-11																										
CON3020	CT AREA SUMP PUMP A	1	17-Aug-11	18-Aug-11																										
CON3030	CT AREA SUMP PUMP B	1	17-Aug-11	18-Aug-11																										
CON3090	AUXILIARY COOLING WATER PUMP	1	17-Aug-11	18-Aug-11																										
CON3370	CLG. TWR. CHEM TANK AREA ESW. HEATER	1	17-Aug-11	18-Aug-11																										
CON3380	CLG. TWR. CHEM TANK AREA 1 EYEWASH/SHOWER.	1	17-Aug-11	18-Aug-11																										
CON3390	CLG. TWR. CHEM TANK AREA 2 EYEWASH/SHOWER.	1	17-Aug-11	18-Aug-11																										
CON3400	CLG. TWR. CHEM TANK AREA 3 EYEWASH/SHOWER.	1	17-Aug-11	18-Aug-11																										
CON3440	CLG. TWR. CHEM TOTE AREA ESW. HEATER	1	17-Aug-11	18-Aug-11																										
CON3450	CLG. TWR. CHEM TOTE AREA EYEWASH/SHOWER.	1	17-Aug-11	18-Aug-11																										
Other																														
CON220	Erect Cooling Tower (Subcontract)	105	23-Mar-11	17-Aug-11																										
Relocated Gas Compressor Area																														
Foundations																														
CON5190	Relocated Gas Compressor foundation	20	22-Dec-10	18-Jan-11*																										
CON3900	STIG PLANT GAS COMPRESSOR Relocation	6	19-Jan-11	26-Jan-11																										
Piping - Underground																														
CON4310	Install UG piping systems over DB	30	15-Feb-11	28-Mar-11*																										
Ductbanks/Manholes/Ground Grid																														
CON5710	Ductbank 0921 (south east end)	10	03-Nov-10	16-Nov-10																										
CON5510	Ductbank 0631	20	10-Nov-10	07-Dec-10																										
CON5700	Ductbank 0632	10	08-Dec-10	21-Dec-10																										
UG Ductbanks/Manholes																														
Ductbanks/Manholes/Ground Grid																														
CON1550	24 - DUCTBANK FROM MH6 TO GAS COMP/MV POLES	41	10-Nov-10	05-Jan-11																										
CON1700	HRSG DUCTBANK MH8 TO MH9	5	24-Nov-10	30-Nov-10																										
CON1340	CONDUIT	60	10-Jan-11	01-Apr-11																										
CON130	Install UG Electrical ductbanks south of N10050	40	10-Jan-11	04-Mar-11																										
CON420	Install UG Electrical ductbanks north of N10050	60	18-Jan-11	11-Apr-11																										
Above Ground Pipe																														
Piping - Above Ground																														
CON275	Hydrotest	60	19-Dec-11	09-Mar-12																										
CON274	Hydrotest HRSG & Steam cycle piping	14	26-Dec-11	12-Jan-12																										
CON230	Install AG process pipe	175	14-Jun-11	13-Feb-12																										
CON_AG_16	Start Installation of BFW Piping In Pipe Rack	0	16-Jun-11																											
CON_AG_32	Start Installation of Boiler Blowdown piping	0	18-Jul-11*																											
CON410	INSTALL AG CIRC WATER PIPING	10	18-Aug-11	31-Aug-11																										
CON_AG_71	Start Installation of Circ Water Piping	0	18-Aug-11*																											
CON_AG_24	Start Installation of Condensate Piping in Rack	0	23-Jun-11																											
CON_AG_08	Start installation of CCCW Piping in Pipe Rack	0	09-Jun-11																											
CON_AG_39	Start installation of Fuel Gas Piping	0	23-May-11*																											
CON_AG_54	Start Installation of LP Steam Piping / Supports	0	20-Jun-11*																											
CON_AG_62	Start Installation of Hot Reheat Piping / Supports	0	27-Jun-11*																											
CON_AG_46	Start installation of Service Water	0	31-May-11*																											
Cable Tray, conduit, cable, terminations																														
Electrical																														

█ Remaining Summary (LOE)
 █ Critical Remaining Work
 ◆ Milestone
 Remaining Work
 ◆ Critical Milestone
 ⇄ Summary

Exhibit 2

Key Events List

KEY EVENTS LIST

PROJECT: LODI ENERGY CENTER

DOCKET #: 08-AFC-10C

COMPLIANCE PROJECT MANAGER: DALE RUNDQUIST

EVENT DESCRIPTION	DATE
Certification Date	4/21/10
Obtain Site Control	3/22/10
Online Date	JUNE 2012
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	7/30/10
Start Ground Disturbance	8/7/10
Start Grading	8/7/10
Start Construction	10/1/10
Begin Pouring Major Foundation Concrete	10/8/10
Begin Installation of Major Equipment	11/1/10
Completion of Installation of Major Equipment	3/5/12
First Combustion of Gas Turbine	3/23/12
Obtain Building Occupation Permit	?
Start Commercial Operation	6/1/12
Complete All Construction	6/1/12
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	6/8/11
Synchronization with Grid and Interconnection	3/29/12
Complete T/L Construction	7/5/11
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	TBD
Complete Gas Pipeline Construction	2/1/12
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	11/15/11
Complete Water Supply Line Construction	11/23/11

Exhibit 3

Construction Photographs

3.0 ATTACHMENTS

3.1 PROJECT PHOTOGRAPHS



Water Treatment Building



STG GSU Foundation Excavation



Excavation for DB0331 to Gas Compressors



CTG (looking north from HRSG)



CTG GSU Being Trimmed Out



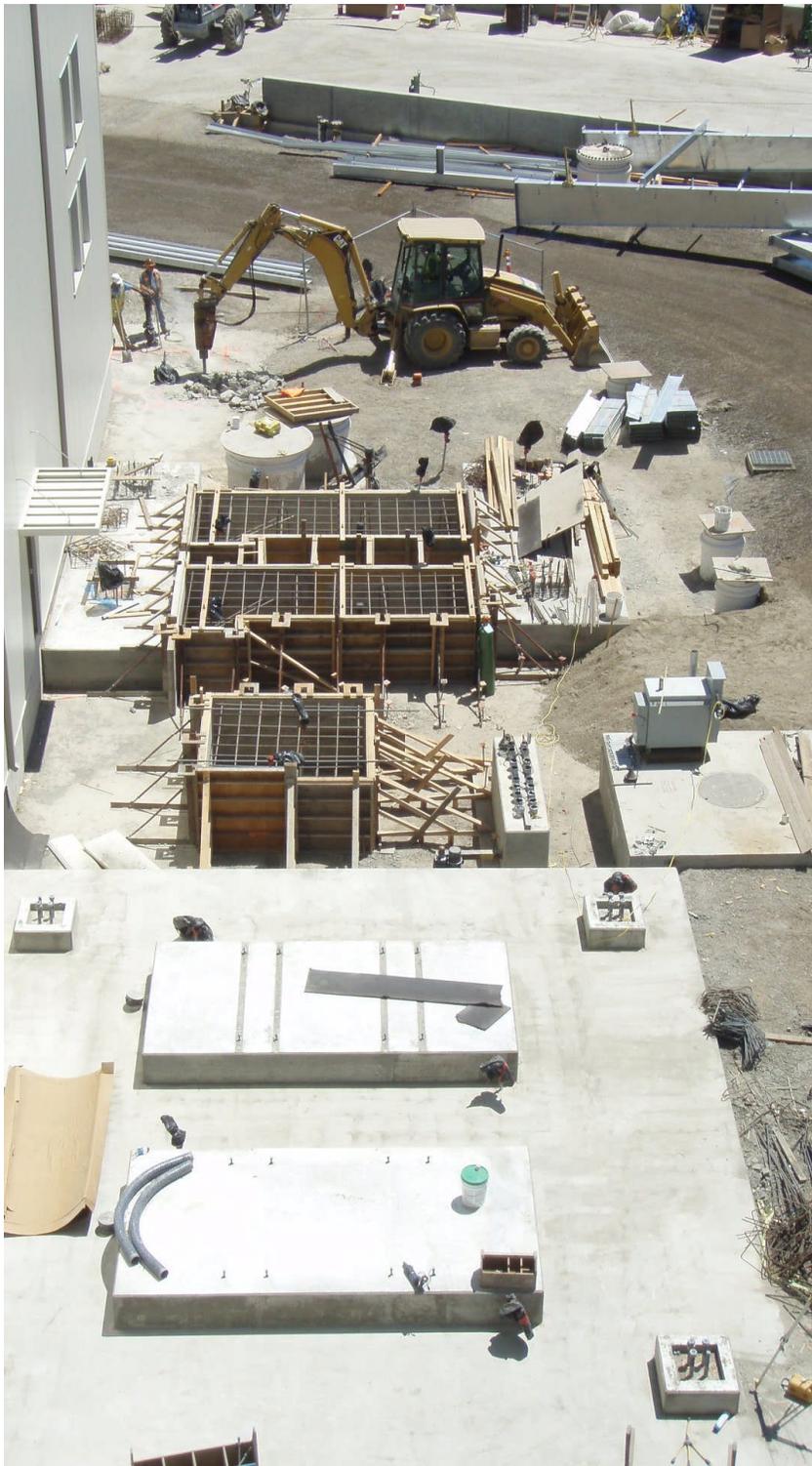
West Side of HRSG



PAB Piping Loaded in Piperack



BAB Piping Being Worked in Piperack



STG Area West-Side Foundations

Exhibit 4

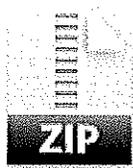
WorleyParsons Monthly Progress Report

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Tuesday, July 05, 2011 11:40 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.1 (REV 1) (110705).zip

APPROVED: Pipe Support Data Lists

[Download this file](#) 163.6 KB

Category: -Plan Review APPROVALS

[View all files for this project](#)

This message was sent to Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Laura Lochridge, Louise Oliveira, Marc Pelletier, Michael DeBortoli, Nancy Hays, Stacey Hughes, and Susan Christopherson.

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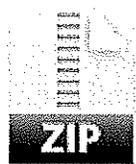
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamp.com]
Sent: Tuesday, July 05, 2011 11:44 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.18 (REV 0) (110705).zip

APPROVED: Pipe Support Data Lists

[Download this file](#) 442.3 KB

Category: -Plan Review APPROVALS

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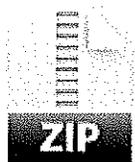
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Thursday, July 07, 2011 9:08 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 54.0 (REV 2) (110707).zip

APPROVED: BOP Foundations and Anchorage - Fire Pump House

[Download this file](#) 3.1 MB

Category: -Plan Review APPROVALS

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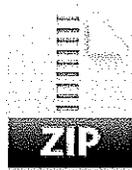
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Thursday, July 07, 2011 9:16 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



ELEC-01 7.2 (REV 0) (110707).zip

REVIEWED FOR REFERENCE: Electrical Three-Line Diagrams

[Download this file](#) 366.2 KB

Category: -Plan Review REFERENCE ONLY

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[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Friday, July 08, 2011 4:15 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.19 (REV 0) (110708).zip

APPROVED: High Energy Fuel Gas Heating Pipe Supports (Lisega)

[Download this file](#) 883.9 KB

Category: -Plan Review APPROVALS

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[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Friday, July 08, 2011 4:19 PM

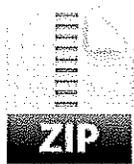
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.20 (REV 0) (110708).zip

APPROVED: High Energy HP Steam Pipe Supports (Lisega)

[Download this file](#) 499.9 KB

Category: -Plan Review APPROVALS

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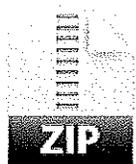
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Tuesday, July 12, 2011 3:13 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUC-1 42.0 (REV 3) (110712).zip

APPROVED: GT Enclosure Panels (Siemens)

[Download this file](#) 4.3 MB

Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Wednesday, July 13, 2011 9:08 AM

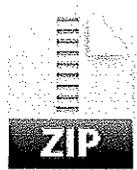
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



GEN-2 10.1 (REV 3) (110713).zip

APPROVED: Equipment Setting Plan

[Download this file](#) 280.7 KB

Category: -Plan Review APPROVALS

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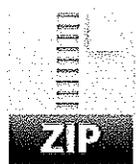
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Wednesday, July 13, 2011 9:31 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



ELEC-01 35.0 (REV 0) (110713).zip

APPROVED: Cathodic Protection (Cupertino)

[Download this file](#) 25.3 MB

Category: -Plan Review APPROVALS

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[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Friday, July 15, 2011 9:48 AM

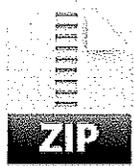
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 3.0 (REV 2) (110715).zip

APPROVED: WTB - Vapor Retarder Position Letter

[Download this file](#) 611.8 KB

Category: -Plan Review APPROVALS

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This message was sent to Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Latchezar Radev, Laura Lochridge, Louise Oliveira, Marc Pelletier, Michael DeBortoli, Michelle Masterman, Nancy Hays, Stacey Hughes, and Susan Christopherson.

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Friday, July 15, 2011 10:14 AM

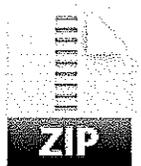
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 93.0 (REV 0) (110715).zip

REVIEWED FOR REFERENCE: Conformed Bill of Material - Steam Traps

[Download this file](#) 97.9 KB

Category: -Plan Review REFERENCE ONLY

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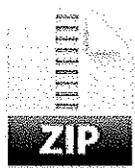
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, July 18, 2011 9:25 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 41.1 (REV 3) (110718).zip

APPROVED: Steam Turbine Enclosure (Agate Steel)

[Download this file](#) 9.1 MB

Category: -Plan Review APPROVALS

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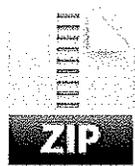
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, July 18, 2011 9:30 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 67.5 (REV 0) (110718).zip

APPROVED: Aux Steam System Pipe Stress Qualification

[Download this file](#) 204.6 KB

Category: -Plan Review APPROVALS

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[Basecamp](#)

Hays, Nancy (Sacramento)

From: Michelle Masterman [mmasterman@trbplus.com]
Sent: Tuesday, July 19, 2011 9:42 AM
To: Hays, Nancy (Sacramento)
Subject: GEN 2 9.0 Rev 0 Drawings — APPROVED
Attachments: 70B7119 Page 2 of 2.pdf; 70B7119 Page 1 of 2.pdf

Nancy,

See attached.

Michelle Masterman
Document Control Lead
TRB + Associates, Inc.
3180 Crow Canyon Place, Suite 216
San Ramon, CA 94583
Ph: (925) 866-2633
mmasterman@trbplus.com

Building Solutions for Municipalities

8/11/2011

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, July 25, 2011 9:53 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.23 (REV 0) (110725).zip

APPROVED: High Energy Pipe Supports Cold Reheat Steam (Lisegea)

[Download this file](#) 1.4 MB

Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, July 25, 2011 9:58 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 1.0 (REV 2) (110725).zip

REVIEWED FOR REFERENCE: P&ID's - Title Page, Dwg List, Legends

[Download this file](#) 292.3 KB

Category: -Plan Review PARTIAL APPROVAL

[View all files for this project](#)

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[Prefer plain text emails?](#)

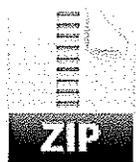
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamp.com]
Sent: Monday, July 25, 2011 10:02 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 2.0 (REV 3) (110725).zip
REVIEWED FOR REFERENCE: P&ID's - Fuel Gas System
[Download this file](#) 592.7 KB
Category: -Plan Review REFERENCE ONLY

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Wednesday, July 27, 2011 1:43 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 54.0 (REV 4) (110727).zip

REVIEWED FOR REFERENCE: Boiler Feedwater Isometrics

[Download this file](#) 493.1 KB

Category: -Plan Review REFERENCE ONLY

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Thursday, July 28, 2011 1:57 PM

To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUC-1 45.0 (REV 1) (110728) (COMBO).zip

APPROVED: Knockout Drum (Siemens)

[Download this file](#) 899.7 KB

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Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Thursday, July 28, 2011 1:58 PM

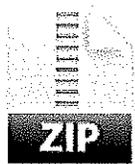
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



GEN-2 9.0 (REV 1) (110728) (COMBO).zip

APPROVED: Knockout Drum (Siemens)

[Download this file](#) 627.2 KB

Category: -Plan Review APPROVALS

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Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Friday, July 01, 2011 1:57 PM

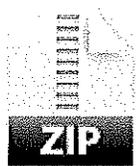
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 58.0 (REV 0) (110701).zip

COMMENTS: Load Tables - Tanks and Equipment Skids (IDI)

[Download this file](#) 94.4 KB

Category: -Plan Review COMMENTS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Friday, July 01, 2011 3:29 PM

To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUC-1 21.0 (REV 2) (110701).zip

COMMENTS: GT Electrical Package (Siemens)

[Download this file](#) 102.4 KB

Category: -Plan Review COMMENTS

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Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamp.com]

Sent: Tuesday, July 05, 2011 9:35 AM

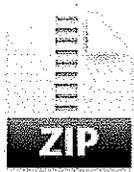
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 41.0 (REV 1) (110705) (REVISED COMMENTS).zip

REVISED COMMENTS: Water Treatment Building Design (Agate Steel)

[Download this file](#) 158.8 KB

Category: -Plan Review COMMENTS

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This message was sent to Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Laura Lochridge, Louise Oliveira, Marc Pelletier, Michael DeBortoli, Nancy Hays, Stacey Hughes, and Susan Christopherson.

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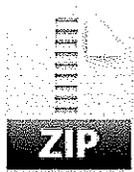
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Friday, July 08, 2011 4:32 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.21 (REV 0) (110708).zip

COMMENTS: High Energy Condensate System Pipe Supports (Lisege)

[Download this file](#) 86.3 KB

Category: -Plan Review COMMENTS

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This message was sent to Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Laura Lochridge, Louise Oliveira, Marc Pelletier, Michael DeBortoli, Nancy Hays, Stacey Hughes, and Susan Christopherson.

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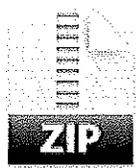
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecampHQ.com]
Sent: Monday, July 25, 2011 9:29 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 56.0 (REV 0) (110725).zip

COMMENTS: Cooling Tower Structural Calc and Drawing Package (SPX)

[Download this file](#) 168.3 KB

Category: -Plan Review COMMENTS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Monday, July 25, 2011 9:42 AM

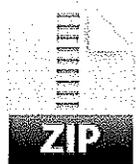
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.22 (REV 0) (110725).zip

COMMENTS: High Energy Pipe Supports Boiler Feedwater (Lisega)

[Download this file](#) 97.3 KB

Category: -Plan Review COMMENTS

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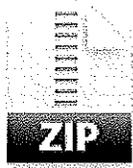
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, July 25, 2011 10:10 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.24 (REV 0) (110725).zip

COMMENTS: Pipe Supports - Boiler Blowdown

[Download this file](#) 84.8 KB

Category: -Plan Review COMMENTS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, July 25, 2011 10:14 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.25 (REV 0) (110725).zip

COMMENTS: Pipe Supports - Low Pressure Steam (Lisega)

[Download this file](#) 84.8 KB

Category: -Plan Review COMMENTS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Thursday, July 28, 2011 3:25 PM

To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 32.0 (REV 1) (110728).zip

COMMENTS: WTB Area Foundation Drawing and Calc

[Download this file](#) 165.4 KB

Category: -Plan Review COMMENTS

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This message was sent to Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Laura Lochridge, Louise Oliveira, Marc Pelletier, Michael DeBortoli, Nancy Hays, Stacey Hughes, and Susan Christopherson.

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Friday, July 29, 2011 1:03 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 41.0 (REV 2) (110729).zip

COMMENTS: Water Treatment Building (Agate Steel)

[Download this file](#) 257.2 KB

Category: -Plan Review COMMENTS

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This message was sent to Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Laura Lochridge, Louise Oliveira, Marc Pelletier, Michael DeBortoli, Nancy Hays, Stacey Hughes, and Susan Christopherson.

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Exhibit 5

Look Ahead Schedules

Description	July																															COMMENTS
	Week	LAST WEEK							FIRST WEEK							SECOND WEEK							THIRD WEEK									
	Date	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			
Day	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S				
General Activities																																
Fabricate AG Pipe Field and Shop Fabrication																																
Secondary Access Road Modifications																																
White Slough Underground Raw Water and Storm Drain																																Raw water tested, backfill to follow. Start excavating Storm
Switchyard Construction																																Detailing, conduit, cable and backfill
230 Kv Pole Line Foundation																																F-1 complete, F-4 and F-3 being pot holed and drilling started. started, lay out for F-2
STG Area																																
Assemble Condensor																																Installed Gussets, Continue assembly at later date
STG Building A/G Electrical																																
Excavate, Form, Rebar, Pour STG GSU Foundation																																
Dress out STG GSU																																Start Oil install, Oil on site 7/18
Install STG Misc. Pipe Rack Foundations/Heat Exchangers																																Start 6/20
Excavate, Form, Rebar Pour Service Water Storage Tank Foundation																																
Erect STG Enclosure Building/Open Penetrations																																Trim out and cut penetrations
HRSG Area																																
Install AIG Piping																																Continue East side
Install HRSG Large Bore Pipe & Supports																																
HRSG Vendor Supplied Pipe Fabrication																																
Install BOP Pipe & Supports East/West Pipe Rack																																
Install Lower HRSG Interconnecting Piping																																
Install Exterior HRSG Drains																																
Install Cable Tray and Lighting																																
Pipe Rack Steel erection																																working grating & handrail, plumb and bolt up
East Area																																
Excavate and install UG Drains for Fuel Gas compressor																																
Continue remainder DB #331/Fuel Gas compressor foundation																																
Form, Rebar, Pour Fuel Gas Compressor foundation																																
West Area																																
PDC #1 Support & Cable Tray/Pull Cable/Terminations																																Starting Terminations
PDC #2 Support & Cable Tray/Misc. Electrical/Cable Pulls/ Terminations																																Cable Pulls from PDC # 1, Start Terminations
Set Roto Air Coolers/Slide Plates, Anchors																																
Conduit, Embeds, Form, Rebar, Pour Aux. Boiler foundation																																
Form, Rebar, Pour 480V transformer & Misc. foundations @ PDC # 1																																
Install UG Pipe																																
Install Roto Air duct																																
Form, Rebar, Pour 480V transformer & Misc. foundations @ PDC # 2																																
Water Treatment Corridor																																

Description	July																															COMMENTS
	Week	LAST WEEK							FIRST WEEK							SECOND WEEK							THIRD WEEK									
	Date	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			
Day	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S				
Install Water Treatment Corridor East to West Underground Pipe																														Working Backfill with tank foundations		
Water Treatment Building																																
WTB Foundation																																
Form, Rebar, Pour Curbing and Equipment Pads																														Continue Curb, Equipment pads		
Install Chem. Feed Trench and Foundation																																
Excavate, Form, Rebar, Pour Lime Silo Foundation																																
Excavate, Form, Rebar, Pour Raw Water Treatmentn Foundation																																
Receive and shake out WTB Steel/Erect Building																																
Cooling Tower Area																																
Receive, Install Circ Water Pipe at Cooling Tower																																
Grout, Caulk, Seal																																
CTG Area																																
CTG																																
Erect Generator Enclosure																														Rework Panel attachments - RFI for Panels and bolts		
Erect CT Enclosure																																
Install BOP Closed Cooling Water Pipe & Supports																																
Install Lube oil Piping																																
Install Cooling/ Bleed Air Piping																																
CTG Misc.Electrical																																
Electrical Package Conduit/Pull cable																																
Set Collector Blower Motors/Ductwork and Platforms																														Rework Platforms, (Siemens)		
North Area																																
Shake Out, install ISO Phase Bushings, Steel & Bus Duct																																
Dress out CTG Step Up Transformer/Install Oil																														Oil on site 7/18, install after STG		

Description	Week Date Day	July							July							August							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		1	2	3	4	29	30	31
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S			
General Activities																														
Fabricate A/G Pipe Field and Shop Fabrication																														
Secondary Access Road Modifications																														
White Slough Underground Raw Water and Storm Drain																														
Switchyard Construction																														
230 Kv Pole Line Foundation																														
STG Area																														
Assemble Condensor																														
STG Building A/G Electrical																														
Excavate, Form, Rebar, Pour STG GSU Foundation																														
Dress out STG GSU/Oil Fill																														
Install STG Misc. Pipe Rack Foundations/Heat Exchangers																														
Excavate, Form, Rebar Pour Service Water Storage Tank Foundation																														
Erect STG Enclosure Building/Open Penetrations																														
HRSG Area																														
Install AIG Piping																														
Install HRSG Large Bore Pipe & Supports																														
HRSG Vendor Supplied Pipe Fabrication																														
Install BOP Pipe & Supports East/West Pipe Rack																														
Install Lower HRSG Interconnecting Piping																														
Install Exterior HRSG Drains																														
Install Cable Tray and Lighting																														
Pipe Rack Steel erection																														
East Area																														
Excavate and install UG Drains for Fuel Gas compressor																														
Continue remainder DB #331/Fuel Gas compressor foundation																														
Form, Rebar, Pour Fuel Gas Compressor foundation																														
West Area																														
PDC #1 Support & Cable Tray/Pull Cable/Terminations																														
PDC #2 Support & Cable Tray/Misc. Electrical/Cable Pulls/ Terminations																														
Set Roto Air Coolers/Slide Plates, Anchors																														
Conduit, Embeds, Form, Rebar, Pour Aux. Boiler foundation																														
Install UG Pipe																														
Install Roto Air duct																														
Form, Rebar, Pour 480V transformer & Misc. foundations @ PDC # 2																														
Water Treatment Corridor																														
Install Water Treatment Corridor East to West Underground Pipe																														

Description	Week Date Day	July							July							August							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		1	2	3	4	29	30	31
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S			
Water Treatment Building																														
WTB Foundation																														
Rough Set Equipment																														
Install Chem. Feed Trench and Foundation																														
Excavate, Form, Rebar, Pour Lime Silo Foundation																														
Excavate, Form, Rebar, Pour Raw Water Treatment (Clarifier) Foundation																														
Receive and shake out WTB Steel/Erect Building																														
Cooling Tower Area																														
Receive, Install Circ Water Pipe at Cooling Tower																														
Grout, Caulk, Seal																														
CTG Area																														
CTG																														
Erect Generator Enclosure																													Rework Panel attachments - RFI for Panels and bolts	
Erect CT Enclosure																														
Install BOP Closed Cooling Water Pipe & Supports																														
Install Lube oil Piping																														
Install Cooling/ Bleed Air Piping																														
CTG Misc. Electrical																														
Electrical Package Conduit/Pull cable																														
Install Air Intake Steel/Filter House																														
Set Collector Blower Motors/Ductwork and Platforms																													Rework Platforms, (Siemens)	
North Area																														
Shake Out, install ISO Phase Bushings, Steel & Bus Duct																														
Dress out CTG Step Up Transformer/Install Oil																													Oil on site 7/18, install after STG	

Description	Week Date Day	July							July							August							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7		8	9	10	11	12	13	14
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S			
General Activities																														
Fabricate A/G Pipe Field and Shop Fabrication																														
Secondary Access Road Modifications																														
White Slough Underground Raw Water and Storm Drain																														
Switchyard Construction																														
230 KV Pole Line Foundation																														
Set 230 KV Pole and pull cable																														
STG Area																														
Assemble Condensor																														
STG Building A/G Electrical																														
Excavate, Form, Rebar, Pour STG GSU Foundation																														
Dress out STG GSU/Oil Fill																														
Install STG Misc. Pipe Rack Foundations/Heat Exchangers																														
Excavate, Form, Rebar Pour Service Water Storage Tank Foundation																														
Erect STG Enclosure Building/Open Penetrations																														
Install AC units and duct work																														
Install Fire Protection System																														
HRSG Area																														
Install AIG Piping																														
Install HRSG Large Bore Pipe & Supports																														
HRSG Vendor Supplied Pipe Fabrication																														
Install BOP Pipe & Supports East/West Pipe Rack																														
Install Lower HRSG Interconnecting Piping																														
Install Exterior HRSG Drains																														
Install Cable Tray and Lighting																														
Pipe Rack Steel erection																														
East Area																														
Excavate and install UG Drains for Fuel Gas compressor to OWS																														
Continue remainder DB #331/Fuel Gas compressor foundation																														
Form, Rebar, Pour Fuel Gas Compressor foundation																														
West Area																														
PDC #1 Support & Cable Tray/Pull Cable/Terminations																														
PDC #2 Support & Cable Tray/Misc. Electrical/Cable Pulls/ Terminations																														
Excavate, Conduit, Embeds, Form, Rebar, Pour Aux. Boiler foundation																														
Install UG Pipe																														
Install Roto Air duct																														
Form, Rebar, Pour 480V transformer & Misc. foundations @ PDC # 2																														

Description	Week Date Day	July							July							August							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7		8	9	10	11	12	13	14
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S			
Water Treatment Corridor																														
Install Water Treatment Corridor East to West Underground Pipe																													Working Backfill with tank foundations	
Water Treatment Building																														
WTB Foundation																														
Rough Set Equipment																														
Excavate, Form, Rebar, Pour Chem. Feed Trench and Foundation																														
Excavate, Form, Rebar, Pour Lime Silo Foundation																														
Excavate, Form, Rebar, Pour Raw Water Treatment (Clarifier) Foundation																														
Receive and shake out WTB Steel/Erect Building																														
Cooling Tower Area																														
Receive, Install Circ Water Pipe at Cooling Tower																													Waiting on Valve delivery	
Grout, Caulk, Seal																														
CTG Area																														
CTG																														
Erect Generator Enclosure																													Rework Panel attachments - RFI for Panels and bolt change out	
Erect CT Enclosure																													Roof being left open for access	
Install BOP Closed Cooling Water Pipe & Supports																														
Install Lube oil Piping																														
Install Cooling/ Bleed Air Piping																														
CTG Misc.Electrical																														
Electrical Package Conduit/Pull cable																														
Install Air Intake Steel/Filter House																														
Set Collector Blower Motors/Ductwork and Platforms																													Rework Platforms, (Siemens)	
North Area																														
Shake Out, install ISO Phase Bushings, Steel & Bus Duct																														
Excavate, install DB #211																														
Dress out CTG Step Up Transformer/Install Oil																													Oil fill complete 7/22, continue dress out	

Description	Week Date Day	July							August							August							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15	16	17	18	19	20	21
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S			
General Activities																														
Fabricate A/G Pipe Field and Shop Fabrication																														
Secondary Access Road Modifications																														
White Slough Underground Raw Water and Storm Drain																													Excavation for Raw water and Storm drain tie in.	
Switchyard Construction																													Detailing, conduit, cable and backfill	
230 KV Pole Line Foundation																													F-1, F-2, F-3 & F-4 complete, Drilling F-5, pour 7/25	
Set 230 KV Pole and pull cable																													Woodward and driller to demob until later date	
STG Area																														
Assemble Condensor																													Continue on Transition and water boxes	
STG Building A/G Electrical																														
Excavate, Form, Rebar, Pour STG GSU Foundation																														
Dress out STG GSU/Oil Fill																													Start Oil install, Oil on site 7/18	
Install STG Misc. Pipe Rack Foundations/Heat Exchangers																													Start 6/20	
Erect STG Enclosure Building/Open Penetrations, Install ladders, Roof Walkways																													Trim out and cut penetrations	
Install AC units and duct work (ACCO)																														
Install Fire Protection System (Summit)																														
HRSG Area																														
Install AIG Piping																													Continue East side	
Install HRSG Large Bore Pipe & Supports																														
HRSG Vendor Supplied Pipe Fabrication																														
Install BOP Pipe & Supports East/West Pipe Rack																														
Install Lower HRSG Interconnecting Piping																														
Install Exterior HRSG Drains																														
Install Cable Tray and Lighting																														
Pipe Rack Steel erection																													working grating & handrail, plumb and bolt up	
East Area																														
Excavate and install UG Drains for Fuel Gas compressor to OWS																														
Continue remainder DB #331/Fuel Gas compressor foundation																													Form and Pour Chimneys	
Form, Rebar, Pour Fuel Gas Compressor foundation																														
West Area																														
PDC #1 Support & Cable Tray/Pull Cable/Terminations																													Continue Terminations	
PDC #2 Support & Cable Tray/Misc. Electrical/Cable Pulls/ Terminations																													Cable Pulls from PDC # 1, Start Terminations	
Excavate, Conduit, Embeds, Form, Rebar, Pour Aux. Boiler foundation																														
Install UG Pipe																														
Install Roto Air duct																														
Form, Rebar, Pour 480V transformer & Misc. foundations @ PDC # 2																														
Water Treatment Corridor																														

Description	Week Date Day	July							August							August							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		25 M	26 T	27 W	28 T	29 F	30 S	31 S	1 M	2 T	3 W	4 T	5 F	6 S	7 S	8 M	9 T	10 W	11 T	12 F	13 S	14 S		15 M	16 T	17 W	18 T	19 F	20 S	21 S
Install Water Treatment Corridor East to West Underground Pipe																													Working Backfill with tank foundations	
Water Treatment Building																														
WTB Foundation																														
Rough Set Equipment																														
Excavate, Form, Rebar, Pour Chem. Feed Trench and Foundation																														
Excavate, Form, Rebar, Pour Lime Silo Foundation																														
Excavate, Form, Rebar, Pour Raw Water Treatment (Clarifier) Foundation																														
Receive and shake out WTB Steel/Erect Building																														
Cooling Tower Area																														
Receive, Install Circ Water Pipe at Cooling Tower/ Coat inside and out																													Waiting on Valve delivery	
Set Fence Posts, Pour Concrete and Grout Saddles South of Basin																														
Grout, Caulk, Seal Basin																														
CTG Area																														
CTG																														
Erect Generator Enclosure																													Rework of Panels complete, Received and replaced bolts.	
Erect CT Enclosure																													Roof being left open for access/Close at a later date	
Install BOP Closed Cooling Water Pipe & Supports																														
Install Lube oil Piping																														
Install Cooling/ Bleed Air Piping																														
CTG Misc.Electrical																														
Electrical Package Conduit/Pull cable																														
Install Air Intake Steel/Filter House																														
Set Collector Blower Motors/Ductwork and Platforms																													Rework Platforms, (Siemens)	
North Area																														
Shake Out, install ISO Phase Bushings, Steel & Bus Duct																														
Excavate, install DB #211																														
Dress out CTG Step Up Transformer																													Oil fill complete 7/22, continue dress out	

Exhibit 6

Compliance Matrix

**LODI ENERGY CENTER CONSTRUCTION COMPLIANCE MATRIX
BASED ON CEC FINAL DECISION**

Pre-Const	Construction	Commiss.	Operations	To CEC or Agency	Approved by CEC
-----------	--------------	----------	------------	------------------	-----------------

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
AQ-002	CONS	The ATC 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).	No verification necessary.	None	Complete	NCPA			
AQ-003	CONS	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.	Submit the Title V Operating Permit application to both the District and CPM.	Prior to operation	5/13/12	Sierra Research			
AQ-007	COMM	Particulate matter emissions from the gas turbine system shall not exceed 0.1 grains/dscf in concentration	Submit the results of source tests to both the District and CPM in accordance with AQ-46.	Within 60 days after testing	6/6/12	ARB			
AQ-008	COMM	No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	As required	As required	NCPA			
AQ-009	COMM	APCO or an authorized representative shall be allowed to inspect the required monitoring devices to ensure that such devices are functioning properly.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	As required	As required	NCPA			
AQ-010	COMM	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.	No verification necessary.	None	None	ARB			
AQ-011	COMM	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.	Submit a commissioning plan to the CPM and APCO for approval that describes the procedures to be followed during the commissioning period and the anticipated duration of each commissioning activity.	30 days prior to first fire of the gas turbine	2/22/12	ARB			
AQ-013	COMM	During commissioning period, NOx and CO emission rate shall be monitored using installed and calibrated CEMS.	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-11.	30 days prior to first fire of the gas turbine	2/22/12	ARB			
AQ-023	COMM	The District shall administratively add the minimum temperature limitation established pursuant to the above condition in the final Permit to Operate.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	As required	As required	NCPA			
AQ-024	CONS	The SCR system shall be equipped with a continuous temperature monitoring system to measure and record the temperature at the catalyst face.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	SCR install	As required	NCPA			
AQ-026	COMM	Start-up is defined as the period of time during which a unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation.	No verification necessary.	None	None	NCPA			
AQ-027	COMM	Shutdown is defined as the period of time during which a unit is taken from an operational to a non-operational status ending when the fuel supply to the unit is completely turned off. [District Rule 4703, 3.26]	No verification necessary.	None	None	NCPA			
AQ-031	COMM	Each 3-hour rolling average period will be compiled from the three most recent one hour periods. Each one hour period shall commence on the hour. Each one hour period in a twenty-four hour average for ammonia slip will commence on the hour. The twenty-four hour average will be calculated using the most recent twenty-four one hour periods.	No verification necessary.	None	None	ARB			
AQ-042	COMM	A SCR system and an oxidation catalyst shall serve the gas turbine system.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB			
AQ-043	CONS	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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-044a	COMM	Source testing shall be conducted using the methods and procedures approved by the District.	Submit the proposed source test plan or protocol for the source tests to both the District and CPM for approval.	15 days prior to proposed source test date	5/17/12	Sierra Research			
AQ-044b	COMM	Source testing shall be conducted using the methods and procedures approved by the District.	Notify the District and CPM of the proposed source test date and time.	30 days prior to the proposed source test date and time	4/15/12	Sierra Research			
AQ-044c	COMM	Source testing shall be conducted using the methods and procedures approved by the District.	Submit source test results to the CEC CPM and District.	No later than 60 days following the source test	7/14/12	Sierra Research			
AQ-045	COMM	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.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/30/12	Sierra Research			

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AQ-046a	COMM	Source testing to measure start-up emission rates of NOx, CO and VOC shall be conducted before the end of commissioning period and at least once every seven years thereafter. 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). 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.	Submit results and field data collected during source tests to the District and CPM.	Within 60 days of testing	7/14/12	Sierra Research			
AQ-046b	COMM	Testing for startup and shutdown emissions shall be conducted upon initial operation and at least once every seven years.	Submit source test results to the CEC CPM and District.	Upon initial operation and at least once every 7 years	6/12/12	Sierra Research			
AQ-047a	COMM	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.	Submit results and field data collected during source tests to the District and CPM according to a pre-approved protocol (AQ-44). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Within 60 days of testing	7/14/12	Sierra Research			
AQ-047b	COMM	Testing for steady state emissions shall be conducted upon initial operation .	Submit source test results to the CEC CPM and District.	Upon initial operation	7/14/12	Sierra Research			
AQ-049	COMM	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.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/22/12	Sierra Research			
AQ-051	COMM	The results of each source test shall be submitted to the District within 60 days thereafter.	Submit the source test report of results to both the CEC and District.	Within 60 days of testing	4/22/12	Sierra Research			
AQ-052	CONS	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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-053	COMM	The owner or operator shall install, certify, maintain, operate, and quality-assure a CEMS which continuously measures and records the exhaust gas NOx, CO, and O2 concentrations. CEMS 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. 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.	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.	As required	As required	ARB			
AQ-060	COMM	Upon written notice from the District, the owner or operator shall provide a summary of the data obtained from the CEMS. This summary shall be in the form and the manner prescribed by the District.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB			
AQ-061	CONS	The facility shall install and maintain equipment, facilities, and systems compatible with the District's CEMS data polling software system and shall make CEMS data available to the District's automated polling system on a daily basis. Upon notice by the District that the facility's CEMS is not providing polling data, the facility may continue to operate without providing automated data for a maximum of 30 days per calendar year provided the CEMS data is sent to the District by a District-approved alternative method.	Provide a CEM protocol for approval by the APCO and CPM. The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission upon request.	at least 60 days prior to installation of the CEMS	1/23/12	ARB			Catlyst will be installed after first fire
AQ-063	CONS	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. 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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-064	COMM	Monitor Downtime is defined as any unit operating hour in which the data for NOx, CO2 or O2 concentrations is either missing or invalid.	No verification necessary.	None	None	NCPA			
AQ-067	COMM	The owner or operator shall maintain all records of required monitoring data and support information for a period of five years from the date of data entry and shall make such records available to the District upon request.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			

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AQ-070	COMM	[CONDITIONS AQ-70 through 79 relate to Facility Wide Offsets] Prior to operating under ATCs N-2697-5-0 and N-2697-7-0, the permittee shall mitigate the following quantities of NOx: Q1: 38,348 lb, Q2: 38,721 lb, Q3: 37,436 lb, and Q4: 38,150 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06).	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-076	COMM	SOx ERCs S-2843-5, S-2845-5, S-2858-5, N-759-5, N-758-5, S-2846-5 and N-757-5 (or a certificate split from any of these certificates) shall be used to supply the required SOx offsets, unless a revised offsetting proposal is received and approved by the District.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-077	COMM	Prior to operating under ATCs N-2697-5-0, N-2697-6-0 and N-2697-7-0, the permittee shall mitigate the following quantities of PM10: 1Q: 19,112 lb, 2Q: 19,112 lb, 3Q: 19,112 lb, and 4Q: 19,112 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06).	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	2/22/12	NCPA			
AQ-078	COMM	PM10 ERCs S-2844-4, C-911-4, N-756-4, C-913-4, C-912-4, and SOx ERCs S-2843-5, S-2845-5, S-2858-5, N-759-5, N-758-5, S-2846-5 and N-757-5 (or a certificate split from any of these certificates) shall be used to supply the required PM10 offsets, unless a revised offsetting proposal is received and approved by the District.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-079	COMM	The District has authorized to use SOx reductions to overcome shortfall in the amount of PM10 offsets at SOx/PM10 interpollutant offset ratio of 1.00.	No verification necessary.	None	None	NCPA			
AQ-080	CONS	[CONDITIONS AQ-80 through 89 relate to Facility Wide Dust Control] 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.	A summary of significant construction activities and monitoring records required shall be included in the construction monthly report required by AQ-SC3.	Monthly	Include in MCR	ARB	Ongoing during construction		
AQ-081b	CONS	A summary of significant construction activities and monitoring records required shall be included in the construction monthly compliance report required by AQSC-3.	Submit the required information to the CEC as part of the MCR.	Monthly	Include in MCR	ARB	Ongoing during construction		
AQ-082	CONS	An owner/operator shall prevent or cleanup 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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-083	CONS	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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-084	CONS	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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-085	CONS	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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-086	CONS	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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-087	CONS	On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with three axles 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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-088	CONS	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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		

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AQ-090	COMM	[CONDITIONS AQ-90 through 103 relate to the Acid Rain Program] 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]	Submit the Acid Rain Program application to both the District and the CPM.	After completing commissioning	6/1/12	Sierra Research			
AQ-091	COMM	The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR Part 75.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-092	COMM	The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain program.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-093	COMM	The owners and operators of each source and each affected unit at the source shall: (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-094	COMM	Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.	No verification necessary.	None	None	Sierra Research			
AQ-095	COMM	Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-096	COMM	An allowance shall not be deducted in order to comply with the requirements under 40 CFR part 73, prior to the calendar year for which the allowance was allocated.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-097	COMM	An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.	No verification necessary.	None	None	Sierra Research			
AQ-098	COMM	An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.	No verification necessary.	None	None	Sierra Research			
AQ-100	COMM	The owners and operators of an affected unit that has excess emissions in any calendar year shall: (i) Pay without demand the penalty required, and pay up on demand the interest on that penalty; and (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-101	COMM	The owners and operators of the each affected unit at the source shall keep on site the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the Administrator or permitting authority: (i) The certificate of representation for the designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-102	COMM	The owners and operators of each affected unit at the source shall keep on site each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the Administrator or permitting authority; (ii) All emissions monitoring information, in accordance with 40 CFR part 75; (iii) Copies of all reports, compliance certifications and other submissions and all records made or required under the Acid Rain Program; (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission that demonstrates compliance with the requirements of the Acid Rain Program.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-103	COMM	The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 Subpart I.	Submit the Acid Rain Program Application to both the District and CPM.	After completing commissioning	6/1/12	Sierra Research			
AQ-106	CONS	Prior to operating with modifications authorized by this ATC, 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.	Submit to both the District and CPM the Title V Operating Permit application prior to operation.	Prior to operation	5/13/12	Sierra Research			
AQ-107	COMM	No air contaminant shall be released into the atmosphere which causes a public nuisance.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			

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AQ-110	COMM	No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-112	COMM	No hexavalent chromium containing compounds shall be added to cooling tower circulating water.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-118	CONS	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).	No verification necessary.	None	Complete	NCPA			
AQ-119	COMM	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.	Submit to both the District and CPM the Title V Operating Permit application	Prior to operation	5/2/12	Sierra Research			
AQ-120	COMM	All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-121	COMM	No air contaminant shall be released into the atmosphere which causes a public nuisance.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-122	COMM	No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-125	COMM	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.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-141	COMM	All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/22/12	NCPA			
AQ-142	COMM	Source testing to measure NOx and CO emissions from this unit while fired on natural gas shall be conducted within 60 days of the end of commissioning period of the gas turbine system.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	Within 30 days of testing	7/1/12	ARB			
AQ-144	COMM	The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/22/12	Sierra Research			
AQ-145	COMM	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.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/22/12	Sierra Research			
AQ-146	COMM	NOx emissions for source test purposes shall be determined using EPA Method 7E or CARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/25/12	Sierra Research			
AQ-147	COMM	CO emissions for source test purposes shall be determined using EPA Method 10 or CARB Method 100.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/25/12	Sierra Research			
AQ-148	COMM	Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or CARB Method 100.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/25/12	Sierra Research			
AQ-149	COMM	For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/25/12	Sierra Research			
AQ-150	COMM	The results of each source test shall be submitted to the District within 60 days thereafter.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	4/25/12	Sierra Research			
AQ-159	COMM	All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-71	COMM	NOx ERCs S-2857-2, S-2848-2, S-2849-2, S-2850-2, S-2851-2, S-2852-2, S-2854-2, S-2855-2, C-915-2, C-916-2, C-914-2, N-755-2, N-754-2, S-2894-2 and S-2895-2 (or a certificate split from any of these certificates) shall be used to supply the required NOx offsets, unless a revised offsetting proposal is received and approved by the District.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10

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AQ-72	COMM	Prior to operating under ATCs N-2697-5-0 and N-2697-7-0, the permittee shall mitigate the following quantities of VOC: 1st quarter: 8,240 lb, 2nd quarter: 8,331 lb, 3rd quarter: 8,571 lb, and 4th quarter: 8,477 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	5/13/12	NCPA			
AQ-73	COMM	VOC ERC S-2860-1, and NOx ERCs S-2857-2, S-2848-2, S-2849-2, S-2850-2, S-2851-2, S-2852-2, S-2854-2, S-2855-2, C-915-2, C-916-2, C-914-2, N-755-2, N-754-2, S-2894-2 and S-2895-2 (or a certificate split from any of these certificates) shall be used to supply the required VOC offsets, unless a revised offsetting proposal is received and approved by the District.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-74	COMM	The District has authorized to use NOx reductions to overcome shortfall in the amount of VOC offsets at NOx/VOC interpollutant offset ratio of 1.00.	No verification necessary.	None	None	NCPA			
AQ-75	COMM	Prior to operating under ATCs N-2697-5-0 and N-2697-7-0, the permittee shall mitigate the following quantities of SOx: 1st quarter: 2,668 lb, 2nd quarter: 2,668 lb, 3rd quarter: 2,668 lb, and 4th quarter: 2,668 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06).	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	5/13/12	NCPA			
AQ-SC03	CONS	The AQCMM shall submit documentation to the CPM in each MCR that demonstrates compliance with items (a) through (m) for purposes of preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval.	Include a summary of all actions taken to maintain compliance with this condition, copies of any complaints filed with the Air District in relation to project construction, and any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition.	Monthly	Include in MCR	WP	Ongoing during construction		
AQ-SC04	CONS	The AQCMM shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes with the potential to be transported off the project site, 200 feet beyond the centerline of the construction of linear facilities, or within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not providing effective mitigation. The AQCMM shall implement Steps 1-3 in the Condition in the event such visible dust plumes are observed.	AQCMM shall prepare for 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 AQCMM to verify compliance with this condition.	Monthly	Include in MCR	ARB	Ongoing during construction		
AQ-SC05	CONS	The AQCMM shall submit to the CPM in the MCR a construction mitigation report that demonstrates compliance with the measures (A-F) set forth in the Condition for purposes of controlling diesel construction-related emissions. Any deviation from the following mitigation measures shall require prior CPM notification and approval.	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 AQCMM to verify compliance with this condition.	Monthly	Include in MCR	ARB	Ongoing during construction		
AQ-SC06	CONS	Submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	Submit any proposed air permit modification to the CPM either by: 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.	Submit modifications within 5 working days of its submittal and submit modified air permits within 15 days of receipt	As required	NCPA			
BIO-02	CONS	Ensure that the DB performs the activities outlined in BIO-2 during site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure.	Designated Biologist must maintain written records of the tasks described in condition and provide summaries for inclusion in the MCR.	Monthly	Include in MCR	CH2	Ongoing during construction		
BIO-04	CONS	Construction/Operation Manager shall act on the advice of the DB to ensure conformance with the biological resources Conditions of Certification. If required by the DB, Construction/ Operation Manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the DB.	Designated Biologist must notify the CPM immediately of any non-compliance activity or halt of any site mobilization, ground disturbance, grading, construction, and ops activities.	Immediately following non-compliance or construction halt	As required	ARB	Ongoing during construction		
BIO-05b	CONS	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.	Include a running total in MCR.	Monthly	Include in MCR	Andrea	Ongoing during construction		
BIO-06c	CONS	Any changes to the approved BRMIMP must also be approved by the CPM and submitted to the HTAC to ensure no conflicts exist.	Notify the CPM before implementing any modifications to the approved BRMIMP	Within 5 days	As required	Rick Crowe			
BIO-06d	CONS	Implementation of BRMIMP measures will be reported in the MCR by the DB.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-06e	CONS	Prepare a written construction closure report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's site mobilization, ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Provide construction closure report to the CPM for review and approval.	Within 30 days after completion of construction	5/2/12	Rick Crowe			
BIO-07a	CONS	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including Items 1-9 as listed in the Condition.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
BIO-07b	CONS	Submit a written construction termination report identifying how bio mitigation measures have been completed.	Provide construction termination report to the CPM for review and approval.	Within 30 days after completion of construction	5/2/12	Rick Crowe			
BIO-08a	CONS	Implement measures set forth in condition (Items 1-8) in a manner to avoid or minimize impacts to the local biological resources.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-08b	CONS	Submit a written construction termination report identifying how bio mitigation measures have been completed.	Provide construction termination report to the CPM for review and approval.	Within 30 days after completion of construction	5/2/12	Rick Crowe			
BIO-09e	CONS	Discuss implementation of GGS mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-10e	CONS	Discuss implementation of burrowing owl mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-11e	CONS	Discuss implementation of Swainson's hawk mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-12b	CONS	Discuss implementation of migratory bird mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-13b	CONS	Discuss implementation of pond turtle mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
CIVIL-01e	CONS	Submit written statement certifying that the documents required by CIVIL-01(a-d) have been approved by the CBO.	Include written certification in next monthly compliance report.	Monthly	Include in MCR	ARB	Ongoing during construction		
CIVIL-02	CONS	The RE shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Notify the CPM within 24 hours when earthwork and construction are stopped as a result of unforeseen adverse geological conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, provide to the CPM a copy of the CBO's approval.	Within 24 hours of construction halt due to geologic conditions	As required	ARB	Ongoing during construction		
CIVIL-03a	CONS	Perform inspections in accordance with the 2007 CBC. All plant site grading operations for which a grading permit is required shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM.	The RE shall transport to the CBO and CPM a NCR and the proposed corrective action for review and approval. Within 5 days of resolution, EPC must submit details of correction action to the CBO and CPM.	Within 5 days of discovery of any discrepancies	As required	ARB	Ongoing during construction		
CIVIL-03b	CONS	A list of NCRs for the reporting month shall also be included in the following monthly compliance report.	Include in the MCR.	Monthly	Include in MCR	ARB	Ongoing during construction		
CIVIL-04	CONS	After completion of finished grading and the 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.	Submit to the CBO for review and approval the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with final approved plans. The project owner shall submit a copy of the CBO's approval to the CPM in the next MCR.	Within 30 days of completion of work	6/6/12	ARB			
COM-01	CONS	The CPM, responsible Energy Commission staff, and delegated agencies or consultants shall be guaranteed and granted unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained onsite, for the purpose of conducting audits, surveys, inspections, or general site visits.	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.	As required	As required	Andrea			
COM-02	CONS	Maintain maintain project files on-site or at an alternative site approved by the CPM 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 as verification for Conditions, and other project-related documents.	CEC staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition.	Ongoing	Ongoing	Andrea	Ongoing during construction		
COM-05	CONS	Submit a construction matrix that provides the current status of all conditions in a spreadsheet format.	Submit a compliance matrix with each MCR and also in ACR	Monthly	Include in MCR	Andrea	Ongoing during construction		
COM-06	CONS	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. During construction of the project, the project owner or authorized agent shall submit an original and an electronic searchable version of the within 10 working days after the end of each reporting month. MCRs shall be clearly identified for the month being reported. The reports shall contain, at a minimum the items specified in the condition.	Submit to CPM on a monthly basis	Monthly	Complete	Andrea			

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COM-08	CONS	Any information that the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality pursuant to Title 20, California Code of Regulations, section 2505(a). Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501 et. seq.	Any info the project owner deems confidential shall be submitted to the Docket Unit with an application for confidentiality.	As required	As required	NCPA			
COM-09	CONS	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 CEC's website.	Submit annual compliance fee to CEC.	Annually	7/15/12	NCPA			
COM-10	CONS	Report and provide copies to the CPM of all complaint forms, including noise and lighting complaints, notices of violation, notices of fines, official warnings, and citations. 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).	Provide documentation to the CPM as required.	Within 10 days of receipt	As required	NCPA			
COM-12a	CONS	Prepare an Unplanned Temporary Facility Closure/On-Site Contingency Plan (see condition for issues that must be addressed in the plan). The approved plan must be in place prior to commercial operation of the facility and shall be kept at the site at all times.	Submit an on-site contingency plan for CPM review and approval.	no less than 60 days prior to COD	4/13/12	NCPA			
COM-12b	CONS	In the event of an unplanned temporary closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan. The project owner shall keep the CPM informed of the circumstances and expected duration of the closure.	Notify the CPM and other agencies as required.	Within 24 hours of unplanned temporary closure	As required	NCPA			
COM-12c	CONS	If the CPM determines that an unplanned temporary closure is likely to be permanent, or for a duration of more than 12 months, a closure plan consistent with the requirements for a planned closure shall be developed and submitted to the CPM.	Develop and submit the closure plan to the CPM.	Within 90 days of CPM's determination	As required	NCPA			
COM-13a	CONS	The on-site contingency plan required for unplanned temporary closure shall also cover unplanned permanent facility closure. All of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure. In addition, the on-site contingency plan shall address how the project owner will ensure that all required closure steps will be successfully undertaken in the event of abandonment.	In the event of an unplanned permanent closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail and shall take all necessary steps to implement the on-site contingency plan. The project owner shall keep the CPM informed of the status of all closure activities.	Within 24 hours of unplanned permanent closure	As required	NCPA			
COM-13b	CONS	Prepare a closure plan, consistent with the requirements for a planned closure.	Submit the closure plan to the CPM.	Within 90 days of permanent closure	As required	NCPA			
COM-14	CONS	Post-Certification Changes to the Decision--see Condition for detailed information on what constitutes and how to prepare a post-licensing change to the CEC Final Decision.	As required	As required	As required	NCPA			
CUL-02b	CONS	Provide to the CRS and CPM a schedule of project activities for the following week, including the identification of area(s) where ground disturbance will occur during that week.	Provide requested info to the CPM and CRS.	Weekly during construction	Weekly	ARB	Ongoing during construction		
CUL-04a	CONS	If any archaeological monitoring or data recovery activities are conducted during project construction, submit a final Cultural Resources Report (CRR) which addresses the items specified in the condition.	Provide the required written documentation to the CPM for review and approval.	Within 90 days after completion of ground disturbance	8/30/12	NCPA			
CUL-04b	CONS	If cultural materials requiring curation were collected, provide to the CPM a copy of an agreement or other written commitment form.	Provide the required written documentation to the CPM.	Within 90 days after completion of ground disturbance	8/30/12	NCPA			
CUL-04c	CONS	Provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies of project-related reports.	Provide the required written documentation to the CPM.	Within 10 days after CPM approval of CRR	As required	NCPA			
CUL-04d	CONS	If the project is suspended, submit a draft CRR to the CPM for review and approval.	Provide the required written documentation to the CPM for review and approval.	Within 30 days after requesting a suspension	As required	NCPA			
CUL-05c	CONS	Provide 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.	Include a running total in MCR.	Monthly	Include in MCR	NCPA	Ongoing during construction		
CUL-06a	CONS	Based on the findings of the geoarchaeological study, no archaeological monitoring is required unless WEAP-trained construction workers identify cultural resources materials during excavations. In that event, To ensure there are no impacts to unknown buried archaeological resources, construction shall cease in the vicinity of the discovery, the CRS shall be notified, and CUL-7 shall apply.	During monitoring, provide daily feedback to CPM on status of monitoring activities via email.	Daily logs emailed to CPM	As required	NCPA	Ongoing during construction		

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CUL-06b	CONS	Submit a monthly summary report of cultural resources-related monitoring prepared by the CRS.	Provide report for inclusion in MCR.	Monthly	Include in MCR	NCPA	Ongoing during construction		
CUL-06c	CONS	Notify CEC prior to changing or eliminating monitoring.	Provide letter or email to CPM for review and approval detailing justification for changing or eliminating monitoring.	At least 24 hours prior to changing level	As required	NCPA			
CUL-06d	CONS	A Native American monitor shall be obtained to monitor ground disturbance in areas and at depths, if any, where the CUL-1 geoaarchaeological study identified the potential for buried prehistoric archaeological deposits and anywhere else that if Native American artifacts are encountered during ground disturbance.	Provide the required written documentation to the CPM.	No later than 30 days after discovery	As required	NCPA			
CUL-06e	CONS	Submit any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Provide the required written documentation to the CPM.	Within 15 days of receipt	As required	NCPA			
CUL-7	CONS	Grant authority to halt construction to the CRS, alternate CRS and the CRMs in the event previously unknown cultural resource sites or materials are encountered, or if known resources may be impacted in a previously unanticipated manner (discovery).	Provide the CPM and CRS with a letter confirming that the CRS, alternate CRS and CRMs have the authority to halt construction activities in the vicinity of a cultural resource discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	At least 30 days prior to ground disturbance	Complete	NCPA	8/4/10	2010-062	Approved by CEC 8/18/11
ELEC-01a	CONS	Prior to the start of any increment of electrical construction for electrical equipment and systems 480 volts and higher, with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, submit for CBO design review and approval the proposed final design, specifications and calculations.	Submit to the CBO for design review and approval the items listed in this condition (see page 59 of Final Decision)	At least 30 days prior to start of construction of each increment of electrical construction	7/16/10	WP	Ongoing during construction		Info is included in MCRs
ELEC-01b	CONS	Send the CPM a copy of the transmittal letter in the next MCR.	Include the required documentation in the MCR.	Monthly	Include in MCR	NCPA	Ongoing during construction		
GEN-01a	CONS	Design, construct and inspect the project in accordance with the 2007 CBC et al and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The CBCS in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously.	Submit to the CEC CPM a statement of verification signed by responsible design engineer attesting that all design, construction, installation and inspection requirements of the applicable LORS and CEC Final Decision has been met in the area of facility design.	With 30 days after receipt of Certificate of Occupancy	7/1/12	WP			
GEN-01b	CONS	Final Certificate of Occupancy	Provide the CPM a copy of the Final Certificate of Occupancy from the CBO.	Within 30 days after receipt from the CBO	6/1/12	WP			
GEN-01c	CONS	Once the certificate of occupancy has been issued, the project owner shall inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance being performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM shall then determine if the CBO needs to approve the work.	The CPM shall then determine if the CBO needs to approve the work.	At least 30 days prior to such work	As required	WP			
GEN-02b	CONS	Major structures and equipment shall be added to or deleted from Facility Design Table 1 (see page 46 of Final Decision) only with CPM approval.	The project owner shall provide schedule updates in the MCR.	Monthly	Include in MCR	WP	Ongoing during construction		
GEN-03	CONS	Make payments to the CBO for design review, plan check and construction inspections based upon a reasonable fee schedule to be negotiated between NCPA and the CBO.	Send copy of CBO's receipt of payment to CPM in next MCR indicating applicable fees have been paid.	Monthly	Include in MCR	NCPA	Ongoing during construction		
GEN-04b	CONS	If the RE or the delegated engineers are reassigned or replaced, the project owner shall submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.	Notify the CPM of the CBO's approval of the new engineer.	Within 5 days	As required	NCPA			
GEN-05c	CONS	If the designated responsible engineer is subsequently reassigned or replaced, submit the resume and registration number of the newly assigned engineer to the CBO for review and approval.	Notify the CPM of the CBO's approval of the new engineer.	Within 5 days	As required				
GEN-06a	CONS	Assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC. A certified weld inspector, certified by the American Welding Society (AWS) and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks, and pressure vessels). The special inspector shall perform the duties specified in the condition.	Submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project.	At least 15 days prior to start of an activity requiring special inspection	9/21/10	WP	Ongoing during construction		Info is included in MCRs
GEN-06b	CONS	Submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors.	Include the required documentation in the MCR.	Monthly	Include in MCR	WP	Ongoing during construction		
GEN-06c	CONS	If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned special inspector to the CBO for approval.	Notify the CPM of the CBO's approval of the newly assigned inspector.	Within 5 days	As required	WP			

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GEN-07	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference Condition GEN-7 and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next MCR. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Monthly	Include in MCR	WP	Ongoing during construction		
GEN-08a	CONS	Obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. Request that the CBO inspect the completed structure and review the submitted documents. Notify the CPM after obtaining the CBO's final approval. Retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project.	Submit to the CBO, with a copy to the CPM, in the next monthly compliance report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans.	Within 15 days of completion of any work	Include in MCR	WP			
GEN-08b	CONS	Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	After storing final approved plans, specs, and cales	As required	WP			
GEN-08c	CONS	Provide to the CBO three sets of electronic copies of the documents referenced in the condition.	Documents shall be provided in the form of "read only" (Adobe .pdf 6.0) files, with restricted (password-protected) printing privileges, on archive quality CDs.	Within 90 days after completion of construction	9/10/12	WP			
HAZ-02	CONS	Develop and implement a Safety Management Plan (SMP) for the delivery of anhydrous ammonia and other liquid hazmat by tanker truck. The plan shall address the information required in the Condition. This plan shall be applicable during construction, commissioning, and operation of the power plant.	Submit the plan to the CPM for review and approval.	At least 30 days prior to delivery of any liquid haz mat to the facility	Complete	NCPA		2010-067 12/8/10	Approved by CEC 12/2/10
HAZ-03	CONS	Direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles that meet or exceed the specifications of DOT Code MC-330 or 331.	Submit copies of notification letter to supply vendors indicating the transport vehicle specs to the CPM for review and approval.	At least 30 days prior to commissioning	10/20/11	ARB			
HAZ-04	CONS	Direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM (I-5 to North Thornton Road to Frontage Road to North Cond Road to the project site). Obtain approval of the CPM if an alternate route is desired.	Submit copies of the required transportation route limitation direction to the CPM for review and approval.	At least 60 days prior to commissioning	10/20/11	ARB			
HAZ-06a	COMM	Prepare a site-specific security plan for the commissioning and operational phases which addresses all the items in the Condition.	Notify the CPM that a site-specific operations site security plan is available for review and approval.	At least 30 days prior to commissioning	10/5/11	NCPA			
MECH-01a	CONS	MAJOR PIPING & PLUMBING SYSTEMS: Submit for CBO design review and approval the proposed final design, specifications and cales for each plant major piping and plumbing system listed in Facility Design Table 1 of GEN-2. Physical layout drawings and drawings not related to code compliance and life safety need not be submitted. The submittal shall also include the applicable QA/QC procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction.	Submit to the CBO for design review and approval the final plans, specs, and cales, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS.	At least 30 days prior to the start of any major piping or plumbing construction listed in Table 1	Ongoing during construction	WP	Ongoing during construction		Info is included in MCRs
MECH-01b	CONS	Send the CPM a copy of the transmittal letter in the next MCR.	Provide the required written documentation to the CPM.	Monthly	Include in MCR	WP	Ongoing during construction		
MECH-01c	CONS	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.	Transmit to the CPM, following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Monthly	Include in MCR	WP	Ongoing during construction		
MECH-02a	CONS	PRESSURE VESSELS: Submit to the CBO and Cal-OSHA the code certification papers and other documents required by applicable LORS.	Submit to the CBO for design review and approval the final plans, specs, and cales, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with LORS	At least 30 days prior to start of onsite fabrication or installation of any pressure vessel	Ongoing during construction	WP			
MECH-02b	CONS	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/	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.	Monthly	Include in MCR	WP	Ongoing during construction		
MECH-03	CONS	HVAC SYSTEMS: Submit for CBO design review and approval the proposed final design, specifications and calculations for each any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets.	Submit the cales, plans, and specs to the CBO, including a copy of the signed and stamped statement from the responsible mech engr certifying compliance with CBC and other applicable codes, with a copy of transmittal to CPM.	At least 30 days prior to start of construction of any HVAC or refig system	Ongoing during construction	WP			
MECH-2b	CONS	Design and install all HVAC and refrigeration systems within buildings and related structures in accordance with the CBC and other applicable codes. Upon completion of construction of pressure vessels, request the CBO's inspection approval of that construction.	Provide the required written documentation to the CPM.	Monthly	Include in MCR	WP	Ongoing during construction		

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
NOISE-02	CONS	Throughout the construction and operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints. Noise Complaint Resolution process will be used.	File a Noise Complaint Resolution Form with the City and the CPM documenting resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within 5 days of receiving a noise complaint	As required	NCPA			
NOISE-04a	COMM	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: an hourly average of 45 dBA, measured at or near monitoring locations M1 (approximately 4,250 feet north of the project site boundary) and M2 (approximately 5,500 feet northeast of the project site boundary); an hourly average of 44 dBA, measured at or near monitoring location M3 approximately 7,000 feet southeast of the project site boundary); and an hourly average of 42 dBA, measured at or near monitoring location M4 (approximately 10,000 feet south of the project site boundary). (See condition for additional information.)	Conduct a community noise survey at monitoring location M4, or at a closer location acceptable to the CPM. This survey during the power plant's full-load operation shall also include measurement of one-third octave band sound pressure levels. Conduct a survey of noise at monitoring locations M1, M2, and M3, or at closer locations acceptable to the CPM. The short-term noise measurements at this location shall be conducted during the nighttime hours of 10:00 p.m. to 7:00 a.m.	Within 30 days of project's first achieving a sustained output of 85% or greater of rated capacity	7/12/12	NCPA			
NOISE-04b	COMM	Submit a summary report of the survey to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit, and a schedule, subject to CPM approval, for implementing these measures. When these measures are in place, the project owner shall repeat the noise survey.	Submit required info to the CPM.	Within 15 days after completing noise survey	7/27/12	NCPA			
NOISE-06	CONS	Equip the steam blow piping with a temporary silencer. The project owner shall conduct steam blows only during the hours of 7:00 a.m. to 9:00 p.m.	Submit to the CPM drawings or other information describing the temporary steam blow silencer and a description of the steam blow schedule	At least 15 days prior to the first steam blow	3/18/12	ARB			
NOISE-07a	CONS	Notify all residents or business owners within one mile of the site of the planned steam blow activity, and make the notification available to other area residents in an appropriate manner.	The notification may be in the form of letters to the area residences, telephone calls, fliers or other effective means. The notification shall include a description of the purpose and nature of the steam blow(s), the proposed schedule, the expected sound levels, and the explanation that it is a one-time operation and not a part of normal plant operations.	At least 15 days prior to first steam blow(s)	3/18/12	NCPA			
NOISE-07b	CONS	Send a letter to the CPM confirming that they have been notified of the planned steam blow activities, including a description of the method(s) of that notification.	Provide the required documentation to the CPM.	Within 5 days of notifying entities	3/23/12	NCPA			
PAL-05	CONS	Ensure that the PRS and PRM(s) monitor consistently with the PRMMP, all construction-related grading, excavation, trenching, and auguring in areas where potentially fossil-bearing materials have been identified.	Paleo monitors shall provide monthly summaries for inclusion in MCR.	Monthly	Include in MCR	CH2	Ongoing during construction		
PAL-07	CONS	Ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS to be completed following completion of ground disturbing activities.	Submit the PRR under confidential cover to the CPM.	Within 90 days after completion of ground disturbing activities	8/30/12	CH2			
SOIL & WATER-01b	CONS	Submit copies to the CPM of all correspondence between the project owner and the CVRWQCB) about the construction SWPPP, including a copy of the NOI.	Submit the required information to the CEC.	Within 10 days of receipt	As required	NCPA			
SOIL & WATER-03	CONS	If groundwater is encountered during construction or operation of the LEC, the project owner shall comply with the requirements of the CVRWQCB Order NO. R5-2008-0081 for Waste Discharge Requirements for Dewatering and Other Low threat Discharges to Surface Waters.	Submit a complete Notice of Intent (NOI) to obtain coverage under CVRWQCB Order No. R5-2008-0081. Submit copies to the CPM of all correspondence between the project owner and the CVRWQCB regarding Order No. R5-2008-0081 within 10 days of its receipt or submittal.	Prior to any groundwater discharge or dewatering activities	As required	CH2			
SOIL & WATER-06a	CONS	The project owner shall provide the CPM two copies of the executed Recycled Water Purchase Agreement (agreement) with the COL for the long-term supply (30 – 35 years) of tertiary treated recycled water to the LEC. The agreement shall specify a maximum daily supply of 2.61mgd with a total annual maximum supply of 1,800 AFY. The agreement shall specify all terms and costs for the delivery and use of recycled water by the LEC.	Submit two copies of the executed agreement for the supply and on-site use of recycled water at the LEC.	No later than 60 days prior to connection to City's recycled water pipeline	Complete	NCPA	5/19/10	2010-026	Approved 6/1/10
SOIL & WATER-06b	CONS	The LEC shall not connect to the COL's recycled water pipeline without the final agreement in place and submitted to the CPM. The project owner shall comply with the requirements of Title 22 and Title 17 of the California Code of Regulations and section 13523 of the California Water Code.	The project owner shall submit to the CPM a copy of the Engineering Report and Cross Connection inspection and approval report from the California Department of Public Health prior to the delivery of recycled water from the COL.	Prior to the delivery of recycled water from the COL	10/14/11	NCPA			
SOIL & WATER-07a	CONS	The project shall not construct a supply well or extract and use any groundwater therefrom until the SJCEHD issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. Submit a well construction application to the SJCEHD in accordance the City of Lodi (COL) Municipal Code, Title 8, Chapter 8.08. (See condition for specific requirements.)	Send the CPM 2 copies of the water well construction application submitted to the San Joaquin SJCEHD.	No later than 30 days prior to construction of the onsite water supply well	1/2/12	NCPA			

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SOIL & WATER-07b	CONS	Provide written concurrence from the SJCEHD indicating that the proposed well construction activities comply with all county well requirements and meets the requirements established by the county's water well permit program.	Provide CPM with 2 copies of the written concurrence document from the SJCEHD.	No later than 15 days prior to construction of the onsite water supply well	1/17/12	NCPA			
SOIL & WATER-07c	CONS	Ensure the driller has submitted Well Completion Report for each well installed to CDWR.	Provide a copy of the well completion report to the CPM along with a copy of well drilling logs, water quality analyses, and any inspection reports that may be completed.	No later than 60 days after installation of any water supply well	4/1/12	NCPA			
SOIL & WATER-07d	CONS	Ensure compliance with all county water well standards and requirements during construction.	Provide CPM with 2 copies of all monitoring or other reports required during construction.	As required	As required	NCPA			
SOIL & WATER-07e	CONS	Submit documentation to the CPM and the RWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq) requirements and that any onsite drilling sumps used for project drilling activities were removed in compliance with 23 CCR section 2511(c).	Submit required info to the CPM.	No later than 15 days after completion of well	1/2/12	NCPA			
SOIL & WATER-08a	CONS	Install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the volume of potable and recycled water supplied to the LEC.	Submit to the CPM evidence that metering devices have been installed and are operational on the potable and recycled pipelines serving the project.	At least 60 days prior to use of any water source for operations	1/2/12	ARB			
STRUC-01a	CONS	Prior to the start of any increment of construction of any major structure or component listed in Facility Design Table 1 of Condition of Certification GEN-2, above, the project owner shall submit to the CBO for design review and approval the proposed lateral force procedures for project structures and the applicable designs, plans, and drawings for project structures. Proposed lateral force procedures, designs, plans, and drawings shall be those for the items listed in the GEN-2 table. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component.	Submit to the CBO the final design plans, specs and calcs with a copy of the transmittal letter to the CPM.	At least 60 days prior to start of any structure or component listed in Facility Design Table 1 of GEN-2	8/7/10	WP	Ongoing during construction		Included as part of MCRs
STRUC-01b	CONS	Submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Submit required info to the CPM as part of the MCR.	Monthly	Include in MCR	WP	Ongoing during construction		
STRUC-02	CONS	Submit to the CBO the required number of sets of the documents related to work that has undergone CBO design review and approval related to concrete cylinder strength test reports and pour sign-off sheets, bolt torque and field weld inspection reports, and other reports covering structural activities requiring special inspections in accordance with CBC 2007.	If a discrepancy is discovered in any of the above data, within five days, prepare and submit an NCR describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the Condition(s) and the applicable CBC chapter and section. Within five days of resolution of the NCR, submit a copy of the corrective action to the CBO and the CPM. Transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action necessary to obtain CBO's approval.	As required	As required	WP	Ongoing during construction		
STRUC-03	CONS	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.	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, with a copy of the transmittal letter to the CPM. The project owner shall notify the CPM, via the MCR, when the CBO has approved the revised plans.	Monthly	Include in MCR	WP	Ongoing during construction		
STRUC-04a	CONS	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	Submit to the CBO for design review and approval the final plans, specs, and calcs, including a copy of the signed and stamped statement from the responsible engineer certifying compliance with LORS	At least 30 days prior to the start of installation of the tanks or vessels	Ongoing in MCR	WP	Ongoing during construction		Included as part of MCRs
STRUC-04b	CONS	Send copies of the CBO approvals of plan checks to the CPM. Also transmit a copy of the CBO's inspection approvals to the CPM in the MCR following completion of any inspection.	Provide requested info to CPM as part of the MCR.	Monthly	Include in MCR	WP	Ongoing during construction		
TLSN-01	CONS	Construct the proposed transmission line according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, Sections 2700 through 2974 of the California Code of Regulations, and Pacific Gas and Electric's EMF-reduction guidelines.	Submit to the CPM a letter signed by a CA registered EE affirming that the line will be constructed according to the requirements set forth in the Condition.	At least 30 days prior to starting construction of the t-line or related structures and facilities	6/25/11	NCPA	3/28/11	2011-008	Pending CPM Approval

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TLSN-03	COMM	Use a qualified individual to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity along the proposed route. The measurements shall be made before and after energization according to ANSI/IEEE standard procedures. These measurements shall be completed not later than six months after the start of operations.	File copies of the pre-and post-energization measurements with the CPM	Within 60 days after completion of measurements	10/6/11	NCPA			
TLSN-05	CONS	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.	Transmit to the CPM a letter confirming compliance with this condition.	At least 30 days before lines are energized	9/3/11	NCPA			
TRANS-02b	CONS	Provide photo/videotape documentation that the damaged sections of Eight Mile Road, North Thornton Road, I-5 Frontage Road, and Cord Road have been restored to their pre-project condition.	Submit info to San Joaquin Planning Department and the CPM	Within 90 days following completion of construction	3/3/12	NCPA			
TSE-01a	CONS	Provide the CPM and CBO with a schedule of transmission facility design submittals, a master drawing list, a master specifications list, and a major equipment and structure list for the components listed in the condition. To facilitate audits by CEC staff, the project owner shall provide designated packages to the CPM when requested.	Provide info to CBO and CPM. Additions and deletions shall be made to the table only with both CPM and CBO approval.	At least 60 days prior to start of construction of the t-line	Included in MCR	WP	Ongoing during t-line construction		
TSE-01b	CONS	Provide schedule updates as part of the MCR.	Include the required documentation in the MCR.	Monthly	Include in MCR	NCPA	Ongoing during t-line construction		
TSE-02a	CONS	Assign an electrical engineer and at least one of each of the following: a civil engineer; geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; a design engineer who is either a structural engineer or a civil engineer and fully competent and proficient in the design of power plant structures and equipment supports; or a mechanical engineer.	Submit names, resumes, quals, and registration numbers of all engineers assigned to the project to the CBO for review and approval. (If any are replaced, new resumes must be submitted.)	At least 30 days prior to start of rough grading	Complete	WP	6/14/10	2010-045	Approved 6/22/10
TSE-02b	CONS	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.	The project owner shall notify the CPM of the CBO's approval of the new engineer	within five days of the approval	As required	NCPA			
TSE-03	CONS	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. The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and refer to this condition of certification.	Submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	Within 15 days of receipt	As required	WP			CEC approved minor relocation of one tower on 6/9/11
TSE-04a	CONS	For the power plant switchyard, outlet line and termination, construction shall not begin until plans for that increment of construction have been approved by the CBO. These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction.	Submit to the CBO for review and approval the final design plans, specifications and calculations.	At least 30 days before the start of each increment of construction	Included in MCR	NCPA			CBO has approved all documents for construction
TSE-04b	CONS	The following activities shall be reported 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 Submitted.	Include the required documentation in the MCR.	Monthly	Include in MCR	NCPA	Ongoing during t-line construction		
TSE-05a	CONS	Design, construct, and operate the proposed transmission facilities in conformance with all applicable LORS, and the requirements listed in the condition (see Items A-I).	Submit the required number of copies of the design drawings and calculations, as determined by the CBO.	At least 60 days prior to start of construction of the transmission facilities	Included in MCR	WP			CBO has approved all documents for construction
TSE-05b	CONS	Provide electrical one-line diagrams signed and sealed by the registered professional electrical engineer in charge, a route map, and an engineering description of the equipment and configurations covered by requirements TSE-5 a) through j).	Submit the requested info to the CBO for approval.	At least 60 days prior to start of construction of the transmission facilities	Included in MCR	NCPA			CBO has approved all documents for construction
TSE-05c	CONS	Provide the final Detailed Facility Study (DFS) including a description of facility upgrades, operational mitigation measures, and/or special protection system sequencing and timing if applicable.	Submit the requested info to the CBO for approval.	At least 60 days prior to start of construction of the transmission facilities	Included in MCR	NCPA			
TSE-05d	CONS	Provide the executed project owner and California ISO facility interconnection agreement.	Submit the requested info to the CBO for approval.	At least 60 days prior to start of construction of the transmission facilities	Included in MCR	NCPA			
TSE-05d	CONS	Provide evidence showing coordination with the affected agencies and utilities including but not limited to Western Area Power Administration and Lodi Electric Utility.	Submit the requested info to the CBO for approval.	At least 60 days prior to start of construction of the transmission facilities	Included in MCR	NCPA			

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TSE-05e	CONS	Inform the CPM and CBO of any impending changes which may not conform to the requirements of TSE-05 and request approval to implement such changes.	Inform the CBO and CPM of any impending changes.	At least 60 days prior to start of construction of the transmission facilities	Included in MCR	WP			
TSE-06	COMM	Provide notice to the Cal-ISO prior to synchronizing the facility with the California transmission system as referenced in items A & B of the condition.	Provide written letter to CAISO 7 days prior to synch and send CPM copy of letter. At least 1 business day before synch, call CAISO's outage coordination department (Monday through Friday, between the hours of 7:00 a.m. and 3:30 p.m. at (916) 351-2300).	One week prior to initial synchronization w/ the grid	3/16/12	NCPA			
TSE-07	CONS	Inspect the transmission facilities during and after project construction, and for any subsequent CPM- and CBO-approved changes, to ensure conformance with CPUC General Order 95 or National Electric Safety Code (NESC); Title 8 of the California Code and Regulations (Title 8); Articles 35, 36 and 37 of the High Voltage Electric Safety Orders, California ISO standards, National Electric Code (NEC) and related industry standards. In cases of non-conformance, the project owner shall inform the CPM and CBO, in writing and within 10 days of the discovery of such non-conformance, and the actions that will be taken to correct it.	Transmit to the CPM and CBO: "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in charge; a statement verifying conformity with the standards set forth in Condition; "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in charge or an acceptable alternative verification; and a summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Within 60 days after first synchronization to the grid	1/23/12	NCPA			
VIS-01	CONS	Ensure that construction lighting is used in a manner that minimizes potential night lighting impacts: minimum necessary brightness, shielded/hooded and directed downward, and kept off when not in use.	Notify the CPM that the lighting is ready for inspection. (If complaints are received, provide CPM with a complaint resolution form report and include copy in MCR.)	Within 7 days after first use of construction lighting	Complete	ARB			
VIS-02	CONS	Landscape screening deleted.		None					
VIS-03a	CONS	Ensure that the cooling tower is designed and operated as presented to the CEC during the licensing of the LEC project. The cooling tower shall be designed and operated to meet the plume fogging frequency curve received into evidence as Exhibit 5 at the evidentiary hearing held at the CEC on 1/5/10.	Provide to the CPM for review the final design specifications of the cooling tower to confirm that the fogging frequency curve for the cooling tower cells matches Exhibit 5. The project owner shall not order the cooling tower until notified by the CPM that this design requirement has been satisfied.	At least 90 days prior to ordering the cooling tower	Complete	WP			Approved 7/9/10
VIS-04a	CONS	Design and install all permanent exterior lighting such that (a) lamps and reflectors are not visible from beyond the project site, including any off-site security buffer areas; (b) lighting does not cause excessive reflected glare; (c) direct lighting does not illuminate the nighttime sky; (d) illumination of the project and its immediate vicinity is minimized, and (e) the plan complies with local policies and ordinances.	Contact the CPM to discuss the documentation required in the lighting mitigation plan. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan.	At least 90 days prior to ordering any permanent exterior lighting	2/15/11	WP			
VIS-04b	CONS	Prepare a lighting mitigation plan that includes the specific info set forth in the condition.	Submit to the CPM for review and approval and simultaneously to city of Lodi Community Development Department and San Joaquin County Community Development Department for review and comment.	At least 60 days prior to ordering any permanent exterior lighting	3/15/11	WP	3/18/11	2011-005 and 2011-006	Approved 6/9/11
VIS-04c	COMM	Notify the CPM that the permanent exterior lighting has been completed and is ready for inspection.	Set up an inspection appointment.	Prior to start of commercial operation	5/13/12	ARB			
VIS-05a	CONS	Treat the surfaces of all project structures and buildings visible to the public in accordance with the provisions in the Condition. The transmission line conductors shall be nonspecular and nonreflective; and the insulators shall be nonreflective and nonrefractive. The project owner shall not specify to the vendors the treatment of any buildings or structures treated during manufacture, or perform the final treatment on any buildings or structures treated in the field, until the project owner receives notification of approval of the treatment plan by the CPM. Subsequent modifications to the treatment plan are prohibited without CPM approval.	Submit a specific surface treatment plan to the CPM for review and approval that addresses all the items in the Condition, and simultaneously to the city of Lodi Community Development Department and San Joaquin County Community Development Department for review and comment.	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	Complete	ARB	10/27/10	2010-065	Approved 12/10/10
VIS-05b	COMM	Notify the CPM that the surface treatment of all listed structures and buildings has been completed and is ready for inspection and submit electronic color photographs taken from the same KOPs	Set up an inspection appointment.	Prior to start of commercial operation	5/13/12	NCPA			
WASTE-03	CONS	If potentially contaminated soil is identified during site characterization, 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 DTSC, and the CPM stating the recommended course of action.	Submit any final reports filed by the Professional Engineer or Professional Geologist to the CPM. Project owner must notify the CPM within 24 hours of any orders issued to halt construction.	Within 5 days of their receipt	As required	NCPA			

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WASTE-04	CONS	Obtain a hazardous waste generator identification number from the United States Environmental Protection Agency prior to generating any hazardous waste during construction and operations.	Keep a copy of the identification number on file at the project site and provide the number to the CPM in the next MCR.	Prior to generating any haz waste	Ongoing	ARB	10/27/10	emailed	Approved 10/27/10
WASTE-05	CONS	Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, 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.	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.	As required	Within 10 days of becoming aware of action	NCPA			
WASTE-06a	COMM	Prepare an Operations Waste Management Plan for all wastes generated during construction of the facility that meets the requirements defined in the condition.	Submit plan to the CPM for review and approval. See Final Decision WASTE-5 for plan requirements.	No less than 30 days prior to start of project operation	5/3/12	NCPA			
WASTE-08	CONS	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.	Provide documentation as set forth in the verification language of the condition to the CPM. Copies of the unauthorized spill documentation shall be provided to the CPM within 30 days of the date the release was discovered.	As required	As required	ARB	6/15/11	2011-011	Pending CPM Approval
WORKER SAFETY-03a	CONS	Provide a site Construction Safety Supervisor (CSS) who will perform the duties set forth in the Condition.	Submit to CPM the name and contact info for the construction safety supervisor.	At least 30 days prior to site mobilization	Complete	ARB	6/22/10	Submitted J. Selvey under 2011-002	
WORKER SAFETY-03b	CONS	The CSS shall prepare and submit a monthly safety inspection that includes the info specified in the verification language of the condition.	Submit required info to the CPM.	Monthly	Include in MCR	CBO	Ongoing during construction		
WORKER SAFETY-04b	CONS	The CBO Safety Monitor shall be responsible for verifying that the construction safety supervisor implements all required Cal/OSHA and CEC safety requirements.	Submit the CBO Safety Monitor's report as part of the MCR.	Monthly	Include in MCR	CBO	Ongoing during construction		

Exhibit 7

AQCMM Monthly Report



NCPA LODI ENERGY CENTER

Lodi California

July 2011 AQCOMM / SWPPP Monthly Report

General Progress:

The Month of July was mostly hot with one week of 100 degree plus temperatures . The high temperatures dried the soils quickly requiring the heavy use of the water truck to maintain the site. This is verified by the amount of water used in the dust control. There were no complaints of dust from the site from either the NCPA plant personnel or the neighbors. There were dust events caused by the construction next door at the Sewer plant.

There were several tasks performed over the month. The Boilermakers continued to focus on the erection of the HRSG and Steam Condenser. The Pipefitters worked on completion of the underground piping system with a heavy focus on the raw water line from White Slough and the area west of the Water Treatment Building. The excavation for this work was carried out in a manner that prevented the production of any dust events. All of the backfill was completed with the use of slurry backfill. Carpenters and labors worked on various foundations throughout the site. Their main focus has been the Water Treatment Building and various foundations for the STG Utility Bridge. The Ironworkers worked installing the structural steel for the HRSG Utility Bridge, the CTG enclosure and the CTG GSU platforms. Agate Construction completed the erection of the STG enclosure and started Water Treatment Building. The electricians have completed most of their underground work and have started on cable trays and wire pulls in the CTG PDC and GSU areas. They completed the installation of the power line pole foundations and the trim out of the CTG GSU transformer. Granite Construction graded the south road between the entrance and the STIG plant to allow traffic movement while various activities closed the east and north access.

As has been the case for the entire project all trades made a concerned effort to carry out their tasks in a manner to prevent dust clouds from forming and keep the site in a clean safe condition. Housekeeping has been a major undertaking with the amount of trash being produced growing as more equipment is unpacked daily.

SWPPP:

During the month of June, the site had experienced zero rain events. For the month, there was a total of 0.00 inches of rain.

There were no samples taken as all BMPs were maintained and properly implemented.

Copies of any of the inspection reports are available upon request for review from Jaime Pena, jpena@arbinc.com

This report has been prepared by:

Jeff Latham

ARB, Inc

Project Engineer/AQCMM

Jaime Pena

ARB, Inc.

Field Engineer

Lodi Energy Center
Summary of Diesel Construction Equipment Mitigation Determinations

Month July

Equipment Make and Model	Engine Make, Model & Rating	Tier 3 Engine (yes/no)	Tier 2 Engine (yes/no)	Tier 1 Engine (yes/no)	Days Expected Onsite	Excess Oil Consumption Expected (yes/no)	Adequate Exhaust Temperature (yes/no)	Adequate Installation Space (yes/no)	Is There An ARB Certified DPF for this Engine (yes/no)	Mitigation Determination(ULSFO, Tier 3/2/1 engine, DPF, nox control)
Kalmar DCD250-12 Forklift	Cummins QSB6.7, 260 HP	yes				no	yes	NA	NA	Tier 3
2008 JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	NA	Tier 3
2007 JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	NA	Tier 3
JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	NA	Tier 3
2007 JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	NA	Tier 3
Caterpillar 321D Excavator	Mitsubishi C6.6, 148 HP	yes				no	yes	NA	yes	Tier 3
Caterpillar 420E Backhoe	Caterpillar, C4.4, 99.9 HP	yes				no	yes	NA	NA	Tier 3
Terex RT780 Crane	Cummins QSB 5.9, 275 HP		yes			no	yes	NA	yes	DPF Level 3 Plus Device Installed
Linkbelt RTC 8090 Series II 90 Ton Crane	Caterpillar C6.6, 221 HP	yes				no	yes	NA	yes	Tier 3

Lodi Energy Center
Summary of Diesel Construction Equipment Mitigation Determinations

Month July

Equipment Make and Model	Engine Make, Model & Rating	Tier 3 Engine (yes/no)	Tier 2 Engine (yes/no)	Tier 1 Engine (yes/no)	Days Expected Onsite	Excess Oil Consumption Expected (yes/no)	Adequate Exhaust Temperature (yes/no)	Adequate Installation Space (yes/no)	Is There An ARB Certified DPF for this Engine (yes/no)	Mitigation Determination(ULSFO, Tier 3/2/1 engine, DPF, nox control)
Caterpillar 928HZ Loader	Caterpillar C6.6, 152 HP	yes				no	yes	NA	yes	Tier 3
JLG 800AJ Manlift	Deutz D2011L04i, 62 HP	Tier 4 Interim				no	yes	NA	NA	Tier 4 Interim
JLG 1250AJP Manlift	Deutz TD2011L04, 75 HP	yes				no	yes	NA	yes	Tier 3
JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP					no	yes	NA	NA	
Liebherr LR1200 Crane	Liebherr D 936 L, 362 HP	yes				no	yes	NA	NA	Tier 3
Caterpillar TL1055 Forklift	Caterpillar C4.4 ACERT, 156 HP	yes				no	yes	NA	NA	Tier 3
Caterpillar TL1055 Forklift	Caterpillar C4.4 ACERT,	yes				no	yes	NA	NA	Tier 3
Caterpillar TH255 Forklift	Caterpillar C4.4, 83.8 HP	yes				no	yes	NA	NA	Tier 3
Bobcat S220 Excavator	Kubota V3800-DI-T, 75 HP	yes				no	yes	NA	NA	Tier 3

Lodi Energy Center
Summary of Diesel Construction Equipment Mitigation Determinations

Month July

Equipment Make and Model	Engine Make, Model & Rating	Tier 3 Engine (yes/no)	Tier 2 Engine (yes/no)	Tier 1 Engine (yes/no)	Days Expected Onsite	Excess Oil Consumption Expected (yes/no)	Adequate Exhaust Temperature (yes/no)	Adequate Installation Space (yes/no)	Is There An ARB Certified DPF for this Engine (yes/no)	Mitigation Determination(ULSFO, Tier 3/2/1 engine, DPF, nox control)
Grove RT600E Crane	Cummins QSB 6.7, 173 HO	yes				no	yes	NA	NA	Tier 3
MQ DCA-300SSK4 Generator	Komatsu SAA6D125 5E-5, 420	yes				no	yes	NA	NA	Tier 3
Airman SDG 150S Generator	Isuzu BH-6HK1X, 240 HP	yes				no	yes	NA	NA	Tier 3
Skyjack VR-1056D Forklift	Cummins QSB8.6, 110 HP	yes				no	yes	NA	NA	Tier 3
Genie Z-135 Manlift	Deutz TD 2011 L04I, 74HP	yes				no	yes	NA	NA	Tier 3
JLG 1250AJP Manlift	Deutz TD2011L04 , 75 HP	yes				no	yes	NA	yes	Tier 3
Genie S-85 Manlift	Deutz TD2011L04 , 75 HP	yes				no	yes	NA	yes	Tier 3
JLG G10-55A Forklift	Cummins QSB 4.5T, 130 HP	yes				no	yes	NA	yes	Tier 3

Record Keeping Form

Month:

FORM A - Area Water Application

Project Location: Lodi Eng Center City: Lodi Size: C (Miles/Acres)
 Owner: NCPA Address _____ City: _____ Zip _____
 Contact Person: _____ Title: _____ Phone: () - _____

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: ARB Lagodon yard & Job site

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1						7-1 <input checked="" type="checkbox"/> 7-2 <input checked="" type="checkbox"/> 12,000	7-2 <input checked="" type="checkbox"/>
2	7-3 <input checked="" type="checkbox"/> 0	7-4 <input checked="" type="checkbox"/> 0	7-5 <input checked="" type="checkbox"/> 14,000	7-6 <input checked="" type="checkbox"/> 10,000	7-7 <input checked="" type="checkbox"/> 10,000	7-8 <input checked="" type="checkbox"/> 10,000	7-9 <input checked="" type="checkbox"/> 0
3	7-10 <input checked="" type="checkbox"/> 0	7-11 <input checked="" type="checkbox"/> 8,000	7-12 <input checked="" type="checkbox"/> 10,000	7-13 <input checked="" type="checkbox"/> 12,000	7-14 <input checked="" type="checkbox"/> 10,000	7-15 <input checked="" type="checkbox"/> 12,000	7-16 <input checked="" type="checkbox"/> 0
4	7-17 <input checked="" type="checkbox"/> 0	7-18 <input checked="" type="checkbox"/> 10,000	7-19 <input checked="" type="checkbox"/> 10,000	7-20 <input checked="" type="checkbox"/> 8,000	7-21 <input checked="" type="checkbox"/> 7,000	7-22 <input checked="" type="checkbox"/> 8,000	7-23 <input checked="" type="checkbox"/> 0
5	7-24 <input checked="" type="checkbox"/> 0	7-25 <input checked="" type="checkbox"/> 10,000	7-26 <input checked="" type="checkbox"/> 8,000	7-27 <input checked="" type="checkbox"/> 8,000	7-28 <input checked="" type="checkbox"/> 10,000	7-29 <input checked="" type="checkbox"/> 8,000	7-30 <input checked="" type="checkbox"/> 0

Area treated: _____

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7-31 <input checked="" type="checkbox"/> 0						
2							
3							
4							
5							

July 31, 2011



ARB Inc.
26000 Commercentre Drive
Lake Forest, CA 92630

Attn: Jeff Latham – Project Engineer

RE: NCPA – Lodi Energy Center
Subcontract No. 06362926-03
Granite Job # 215778

The following is the quantity of diesel consumed by Granite Construction Company for the month of July 2011:

Equipment No.	Equipment Description	Diesel Consumed (gal)
30.454	CAT 330 Excavator	
08.1173	CAT IT38G Tool	
10.331	CAT CS563 SD Vib Compactor	45
08.1289	JD 210LJ Skiploader	
08.1252	JD 210LJ Skiploader	28
04-1674	Peterbilt 340 3600 Gal Water Truck	32
08.421	CAT950G Loader	40
55.1147	Bobcat T-190	24
07.232	CAT D6 Dozer	
12.291	CAT 143H Motor Grader	43
10.386	CAT 224D DD Compactor	
10.464	CAT CS663 SD Vib Compactor	
10-386	CAT CB224D DD Vib Compactor	
08-1152	JD 710G Backhoe	
10-464	CAT CS663 SD Vib Compactor	

Total Diesel Consumption (July '11) 212.0 gal

Sincerely,

GRANITE CONSTRUCTION COMPANY

Travis Collins
Project Engineer

cc: Job File (215778)

Stockton Area Office
10500 S. Harlan Road
French Camp, CA 95231
(209) 982-4750
FAX (209) 983-1257

Exhibit 8

Resource Specialists' Monthly Reports

Biological Resources
Mitigation Monitoring for the
Lodi Energy Center Project

MONTHLY COMPLIANCE REPORT (BIO-2)

July 2011

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Lodi Energy Center

MONTHLY COMPLIANCE REPORT

July 2011

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APPENDICES

- A) Cumulative Wildlife Species Observed in or Near the Project Area
 - B) Site Photos
 - C) Wildlife Observation Forms
-

INTRODUCTION

The Lodi Energy Center (LEC) project site is on 4.4 acres of land owned and incorporated by the City of Lodi, 6 miles west of the Lodi city center. The site is located adjacent to Interstate-5 approximately 1.7 miles south of State Route 12. On the east side of the site is the City of Lodi's White Slough Water Pollution Control Facility (WPCF). The WPCF's treatment and holding ponds are located to the north. To the west is the 49-megawatt Northern California Power Agency (NCPA) Combustion Turbine Project (STIG Plant), and further to the west is the Pacific Gas and Electric Company (PG&E) overhead 230 kilovolt electric transmission line. The San Joaquin County Mosquito and Vector Control facility is located south of the project site.

Originally, construction of the LEC facility would require the use of four laydown areas totaling 9.8 acres; Area A consisted of 3.1 acres, Area B consisted of 2.2 acres, Area C consisted of 1.6 acres, and Area D consisting of 2.9 acres. On July 2, 2011, NCPA filed a petition with the California Energy Commission (CEC) requesting the additional use of 9.4 acres of construction laydown and parking areas. The requested areas will add 0.7 acres to the existing 3.1 acre laydown Area A, add an additional 6.1 acre laydown area known as Area E which is directly north of the frontage entrance to the LEC project site and an additional 2.6 acre laydown area known as Area F. On October 9, 2011, the CEC staff included as part of the project the requested additional laydown areas contingent on mitigating the impacts to the additional acres through the San Joaquin County Multi-Species Habitat Conservation & Open Space Plan (MSHCP) for the fee of \$48,229.50. NCPA paid the use fee to the MSHCP and the additional laydown areas were released for use by the CEC on October 13th.

Biological monitoring for the month included monitoring the 4.4-acre power generation facility, and the 19.2 acre laydown areas.

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Mitigation measures for the LEC project site were developed through consultation with the California Energy Commission (CEC), and the San Joaquin County Council of Governments (SJCOG) which oversees the MSHCP. Documentation of compliance with any conditions of the agency permits will be included when used on the project.

Conditions of Certification (COC) BIO 1-8 were in compliance during the month of July 2011. The following COC's require specific language be included in each monthly compliance report therefore they are addressed separately below;

BIO-9, employing giant garter snake (GGS) mitigation measures like sediment/ animal fencing protecting sensitive areas, every worker participating in the WEAP program, and the Designated Biologist monitoring any disturbance within GGS habitat for giant garter snake protection insured that BIO-9 was in compliance during the month of July 2011.

BIO-10, burrowing owl mitigation measures like pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly site visits insured that BIO-10 was in compliance during the month of July 2011.

BIO-11, Swainson's hawk (SWHA) mitigation measures like pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly site visits insured that BIO-11 was in compliance during the month of July 2011.

BIO-12, migratory bird mitigation measures like pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly site visits insured that BIO-12 was in compliance during the month of July 2011.

BIO-13, northwestern and western pond turtle mitigation measures like sediment/animal fencing protecting sensitive areas, every worker participating in the WEAP program, and the Designated Biologist monitoring any disturbance within pond turtle habitat insured that BIO-13 was in compliance during the month of July 2011.

SUMMARY OF ACTIVITIES

This report provides a summary of July 2011 project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. The Designated Biologist (DB) and Biological Monitor (BM) completed logs summarizing activities, personal interactions, and observations made during each site visit. These logs are available on request.

Site Construction

July LEC project site activities consisted of concrete pouring, underground piping installation, the welding, positioning, and construction of the HRZG stack, as well as continuing construction on the plant's foundation and electrical pathways.

Monitoring visits were conducted periodically to document permit compliance.

WORKER ENVIRONMENTAL AWARENESS TRAINING

The WEAP program was developed exclusively for the LEC project. Program materials include a handbook, video, posted speed limit signs and supporting posters. As required by COC BIO-5 from the CEC *Commission Decision*, all new employees must attend the WEAP program.

Sixty-nine (69) personnel received WEAP training in July for a total of 999 employees trained at LEC since the project started. An ARB Safety and Compliance Manager administered the WEAP training to new employees as well as the LEC Designated Biologist and Biological Monitor. Signed affidavits are kept on file by the ARB Safety and Compliance Manager and the NCPA Compliance Manager.

GENERAL DAILY NOTES AND OBSERVATIONS

During the month of July daily Biological Monitoring was not required. Project biological oversight was covered by the Designated Biologist (DB) Rick Crowe or the Biological Monitors (BM) Dan Williams or Victor Leighton. The monitoring efforts for the month of July are documented below;

July 8th, the DB was on site (Photo 1) to perform a compliance spot check and to check on nesting bird developments. The DB checked on the nesting house finches (*Carpodacus mexicanus*) on the HRZG stairwell and observed 2 juvenile house finches in the nest. The DB also checked on the nesting killdeer (*Charadrius vociferus*) in Laydown Area F and observed the female

killdeer setting on 3 eggs. The DB checked on the nesting Swainson's hawks (*Buteo swainsoni*) in the employee parking lot and observed one juvenile and two adults perched near the nest tree. The juvenile hawk appeared to be fully mature and was observed flying and perching in several different trees within the laydown area. While surveying the site the DB observed that the City of Lodi had cut down all of the tall weeds that were along the southern portion of the project site, Photos 2 and 3. During this site visit the DB inspected all sensitive areas for implementation of mitigation measures and interfaced with key construction personnel concerning potential upcoming construction issues. During this site visit the LEC project was in compliance.

July 14th, the DB was on site to perform a compliance spot check and to check on nesting bird developments. The DB checked on the nesting house finches on the HRZG stairwell and observed 2 juvenile house finches in the nest they appeared to be close to fledging, Photo 4. The DB also checked on the nesting killdeer in Laydown Area F and observed the female killdeer setting on 3 eggs. The DB checked on the nesting Swainson's hawks in the employee parking lot and did not observe any SWHA's in the parking area, however the DB checked some trees that are located off site and just east of I-5 and observed one juvenile and one adult foraging in an alfalfa field east of the LEC site. The DB feels based on observations feels that the young SWHA has fledged and is now actively foraging with its parents. While on site the DB received a call from ARB Safety/Marie Cole concerning an injured barn swallow (*Hirundo rustica*) that was observed in Laydown Area E. The DB met Ms. Cole at the safety trailer and received the injured barn swallow in a box, Photo 5. The DB evaluated the barn swallow for injuries and noticed that the swallow had a head injury based on the observations of the swallow not being able to hold its head up or stand unassisted on its own for any length of time. The DB prepared the swallow for transport to the Wildlife Care Facility; unfortunately the swallow expired in route to the facility. For more information on this observation see Appendix B Site Photos and Appendix C Wildlife Observation Forms. During this site visit the DB inspected all sensitive areas for implementation of mitigation measures and interfaced with key construction personnel concerning potential upcoming construction issues. During this site visit the LEC project was in compliance.

July 21st, the DB was on site to perform a pre-disturbance survey on the proposed natural gas pipeline pot-hole areas, perform a compliance spot check on the LEC site, and to check on nesting bird developments. The DB observed 3 juvenile SWHA's perched in a nest tree (Photo 7) and on a power line pole (Photo 6) just east of N. Thornton Road. The nest tree is located approximately 300-feet west of the area that PG&E would like to pot-hole so there will be no disturbance to nesting hawks. The DB checked on the nesting killdeer in Laydown Area F and observed that the two of the three eggs had hatched and the adult and 2 young had left the nest area, Photo 8. The one egg that had not hatched appeared to have a crack in it which made it not viable, Photo 9. The DB also checked on the nesting house finches on the HRZG stairwell and observed that the two juvenile finches were very close to fledging, Photo 10. During this site visit the DB inspected all sensitive areas for implementation of mitigation measures and interfaced with key construction personnel concerning potential upcoming construction issues, Photo 11. During this site visit the LEC project was in compliance.

July 29th, the DB was on site to perform a pre-disturbance survey on an area that PG&E wanted to pot-hole. The area to be disturbed is just off W. Armstrong Road and the railroad tracks, Photo 12. The DB inspected the area for nesting birds or incidental wildlife and none was

observed. The DB gave a short WEAP tailboard training to the PG&E crew, later in the afternoon the DB returned to the pot-hole site and photographed the area just as the PG&E crew was completing their work, Photo 14. The DB performed a compliance spot check on the LEC project site and checked on the nesting house finches in the HRZG stairwell and observed that the young had fledged. The DB removed the finch nest and disposed of it, Photo 14. During this site visit the DB inspected all sensitive areas for implementation of mitigation measures and interfaced with key construction personnel concerning potential upcoming construction issues. During this site visit the LEC project was in compliance.

Appendix A
Cumulative Wildlife Species Observed in or Near
the Project Area

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
• BIRDS		
Canada goose	<i>Branta canadensis</i>	WPCF ponds, single individual captured and taken to Wildlife Care October 2010.
Cackling goose	<i>Branta hutchinsii</i>	Fly over
Snow goose	<i>Chen caerulescens</i>	Fly over
Gadwall	<i>Anas strepera</i>	WPCF ponds
Mallard	<i>Anas platyrhynchos</i>	WPCF ponds, nest in laydown area A 2011.
Northern pintail	<i>Anas acuta</i>	WPCF ponds
Northern shoveler	<i>Anas clypeata</i>	WPCF ponds
Cinnamon teal	<i>Anas cyanoptera</i>	WPCF ponds
Green-winged teal	<i>Anas crecca</i>	WPCF ponds
Lesser scaup	<i>Aythya affinis</i>	WPCF ponds
Bufflehead	<i>Bucephala albeola</i>	WPCF ponds
Ruddy duck	<i>Oxyura jamaicensis</i>	WPCF ponds
Ring-necked pheasant (Exotic)	<i>Phasianus colchicus</i>	WPCF ponds
Pied-billed grebe	<i>Podilymbus podiceps</i>	WPCF ponds
Eared grebe	<i>Podiceps nigricollis</i>	WPCF ponds
Horned grebe	<i>Podiceps auritus</i>	WPCF ponds
American white pelican	<i>Pelecanus erythrorhynchos</i>	WPCF ponds
Double-crested cormorant	<i>Phalacrocorax auritus</i>	WPCF ponds
Great blue heron	<i>Ardea herodias</i>	Canal and WPCF ponds
Great egret	<i>Ardea alba</i>	Canal and WPCF ponds
Snowy egret	<i>Egretta thula</i>	WPCF ponds, one individual observed dead adjacent to t-line along southern portion of project site August 2010.
Green heron	<i>Butorides virescens</i>	Canal
Black-crowned night-heron	<i>Nycticorax nycticorax</i>	Canal
White-faced ibis	<i>Plegadis chihi</i>	WPCF ponds
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>	Fly over
Sharp-shinned hawk	<i>Accipiter striatus</i>	Fly over
Red-shouldered hawk	<i>Buteo lineatus</i>	Hunting along canal
Red-tailed hawk	<i>Buteo jamaicensis</i>	Pipeline route and laydown areas
*Swainson's hawk	<i>Buteo swainsoni</i>	One individual observed dead from collision with fence, Sept. 2010. Pair observed nesting in employee parking lot April 2011.

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
American kestrel	<i>Falco sparverius</i>	Laydown areas
Merlin	<i>Falco columbarius</i>	Perched along entrance road, 11/30/10
Peregrine falcon	<i>Falco peregrinus</i>	Hunting WPCF ponds
Prairie falcon	<i>Falco mexicanus</i>	Fly over, 11/9/10
Barn owl	<i>Tyto alba</i>	Dead individual observed near Safety trailer, 11/8/10.
American coot	<i>Fulica americana</i>	WPCF ponds
Sandhill crane	<i>Grus canadensis</i>	Fly over
Black-bellied plover	<i>Pluvialis squatarola</i>	Pipeline route and WPCF ponds
Pacific golden-plover	<i>Pluvialis fulva</i>	WPCF ponds
*Killdeer	<i>Charadrius vociferus</i>	Canal, laydown areas, pipeline route, and WPCF ponds. Nest in switchyard 2010. Nest in northern portion of power block, failed 2011. Nest in Laydown Area A predated, April and May 2011.
Semipalmated plover	<i>Charadrius semipalmatus</i>	WPCF ponds
American avocet	<i>Recurvirostra americana</i>	WPCF ponds
Black-necked stilt	<i>Himantopus mexicanus</i>	WPCF ponds
Spotted sandpiper	<i>Actitis macularius</i>	WPCF ponds
Greater yellowlegs	<i>Tringa melanoleuca</i>	Pipeline route and WPCF ponds
Lesser yellowlegs	<i>Tringa flavipes</i>	WPCF ponds
Whimbrel	<i>Numenius phaeopus</i>	WPCF ponds
Long-billed curlew	<i>Numenius americanus</i>	Fly over
Least sandpiper	<i>Calidris minutilla</i>	WPCF ponds
Western sandpiper	<i>Calidris mauri</i>	WPCF ponds
Baird's sandpiper	<i>Calidris bairdii</i>	WPCF ponds
Pectoral sandpiper	<i>Calidris melanotos</i>	WPCF ponds
Dunlin	<i>Calidris alpina</i>	WPCF ponds
Long-billed dowitcher	<i>Gallinago delicata</i>	Canal
Wilson's snipe	<i>Calidris alpina</i>	Pipeline route and WPCF ponds
Wilson's phalarope	<i>Phalaropus tricolor</i>	WPCF ponds
Ring-billed gull	<i>Larus delawarensis</i>	WPCF ponds
Mew gull	<i>Larus canus</i>	WPCF ponds
California gull	<i>Larus californicus</i>	WPCF ponds
Bonaparte's gull	<i>Larus philadelphia</i>	WPCF ponds
Caspian tern	<i>Hydroprogne caspia</i>	WPCF ponds
Forster's tern	<i>Limnodromus scolopaceus</i>	WPCF ponds
Common tern	<i>Sterna hirundo</i>	WPCF ponds
Rock pigeon (<i>Exotic</i>)	<i>Sterna fosteri</i>	STIG plant
Eurasian collared-dove (<i>Exotic</i>)	<i>Columba livia</i>	Laydown areas and pipeline route. One individual observed dead within STIG plant, August 2010.

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
Mourning dove	<i>Streptopelia decaocto</i>	Laydown areas and pipeline route
White-throated swift	<i>Aeronautes saxatalis</i>	Fly over
Vaux's swift	<i>Zenaida macroura</i>	Fly over
Anna's hummingbird	<i>Chaetura vauxi</i>	Canal and east parking area
Black-chinned hummingbird	<i>Calypte anna</i>	Canal
Belted kingfisher	<i>Archilochus alexandri</i>	Canal
Downy woodpecker	<i>Picoides pubescens</i>	East parking area
Nuttall's woodpecker	<i>Picoides nuttallii</i>	East parking area
Northern flicker	<i>Colaptes auratus</i>	Laydown areas and pipeline route
Pacific-slope flycatcher	<i>Empidonax difficilis</i>	Canal setback
Western wood-pewee	<i>Contopus sordidulus</i>	Canal setback
Black phoebe	<i>Sayornis nigricans</i>	Canal
Western kingbird	<i>Tyrannus verticalis</i>	Canal, laydown areas, and pipeline route
Cassin's vireo	<i>Lanius ludovicianus</i>	Canal setback
Loggerhead shrike	<i>Vireo cassinii</i>	Pipeline route
Western scrub-jay	<i>Aphelocoma californica</i>	East parking area and pipeline route
American crow	<i>Corvus brachyrhynchos</i>	Laydown areas and pipeline route
Common raven	<i>Corvus corax</i>	Laydown areas and pipeline route
Horned lark	<i>Eremophila alpestris</i>	Laydown areas and pipeline route
Purple martin	<i>Progne subis</i>	Pipeline route
Tree swallow	<i>Tachycineta bicolor</i>	Pipeline route
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	WPCF ponds
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	Fly over
Bank swallow	<i>Riparia riparia</i>	WPCF ponds
*Barn swallow	<i>Hirundo rustica</i>	Pipeline route and WPCF ponds, one individual observed dead from Laydown Area E, 2011.
Bushtit	<i>Psaltriparus minimus</i>	Pipeline route and WPCF ponds
Ruby-crowned kinglet	<i>Regulus calendula</i>	East parking area
American robin	<i>Turdus migratorius</i>	Canal and laydown areas
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>	WPCF ponds and pipeline route
Cedar waxwing	<i>Bombycilla cedrorum</i>	Laydown areas and pipeline route
Orange-crowned warbler	<i>Vermivora celata</i>	East parking area and oaks along entrance road
Nashville warbler	<i>Vermivora ruficapilla</i>	Canal setback
Yellow warbler	<i>Dendroica petichia</i>	East parking area and oaks

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
Yellow-rumped warbler	<i>Dendroica coronata</i>	Laydown areas and pipeline route
Common yellowthroat	<i>Geothlypis trichas</i>	Canal
Wilson's warbler	<i>Wilsonia pusilla</i>	Canal setback
Western tanager	<i>Piranga ludoviciana</i>	Canal setback and east parking area
Spotted towhee	<i>Pipilo maculatus</i>	Canal setback
Savannah sparrow	<i>Passerculus sandwichensis</i>	Canal and pipeline route
Song sparrow	<i>Melospiza melodia</i>	Canal and pipeline route
Lincoln's sparrow	<i>Melospiza lincolnii</i>	Canal
Golden-crowned sparrow	<i>Zonotrichia atricapilla</i>	Canal and laydown areas
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	Canal and pipeline route
Dark-eyed junco	<i>Junco hyemalis</i>	East parking area
Black-headed grosbeak	<i>Pheucticus melanocephalus</i>	East parking area
Blue grosbeak	<i>Passerina caerulea</i>	Canal, laydown areas, and pipeline route
Red-winged blackbird	<i>Agelaius phoeniceus</i>	Canal
Tricolored blackbird	<i>Agelaius tricolor</i>	Fly over
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	STIG plant and WPCF ponds
Great-tailed grackle	<i>Quiscalus mexicanus</i>	Canal and WPCF ponds
Western Meadowlark	<i>Sturnella neglecta</i>	Pipeline route. One individual observed dead on grill of truck, 11/12/10.
Brown-headed cowbird	<i>Molothrus ater</i>	Canal and WPCF ponds
Bullock's oriole	<i>Icterus bullockii</i>	Laydown areas and Energy Center footprint
Orchard oriole	<i>Icterus spurius</i>	Canal setback
*House finch	<i>Carpodacus mexicanus</i>	STIG plant and pipeline route. One individual observed dead near existing STIG plant, April 2011. Numerous nests throughout project spring 2011.
American goldfinch	<i>Carduelis tristis</i>	Canal, laydown areas, and pipeline route
Lesser goldfinch	<i>Carduelis psaltria</i>	Laydown areas
House sparrow (<i>Exotic</i>)	<i>Passer domesticus</i>	STIG plant and pipeline route. One individual observed dead in existing STIG plant, March and April 2011.
MAMMALS		
Audubon's cottontail	<i>Sylvilagus audubonii</i>	Laydown areas and Energy Center footprint. One individual observed in northern portion of power block April 2011.
California vole	<i>Microtus californicus</i>	Energy Center Footprint and laydown areas. Several individuals killed during clearing and grubbing, August 2010.
Botta's pocket gopher	<i>Thomomys bottae</i>	Dead individual observed near HRSG foundation, Nov. 2010.

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
California ground-squirrel	<i>Spermophilus beecheyi</i>	Pipeline route, Energy Center footprint and laydown areas
Dog	<i>Canis familiaris</i>	Two dogs observed in southern section of LEC site, April 2011.
Feral cat	<i>Felis catus</i>	Energy Center Footprint
REPTILES		
Western pond turtle	<i>Actinemys marmorata</i>	Canal and WPCF ponds
Slider	<i>Trachemys scripta</i>	Canal and crossing access road
Common king snake	<i>Lampropeltis getulus</i>	Several caught and relocated during clearing and grubbing, one individual killed, August and October 2010. One individual killed on project to the north, April 2011.
Western skink	<i>Plestiodon (Eumeces) skiltonianus</i>	One individual crushed during clearing and grubbing, August 2010.
Gopher snake	<i>Pituophis melanoleucus</i>	BM captured and relocated one individual Sept. 2010. DB captured and removed from project site, April 2011.
Common garter snake	<i>Thamnophis sirtalis</i>	BM observed one individual near the City of Lodi White Slough Treatment plant, Sept. 2010. One individual killed, April 2011. One individual captured and relocated off site May, 2011.
Southern alligator lizard	<i>Gerrhonotus multicarinatus</i>	Observed during clearing and grubbing, 2010.
Western fence lizard	<i>Sceloporus occidentalis</i>	Laydown area, pipeline route and Energy Center footprint
INVERTEBRATES		
Butterflies		
Cabbage white	<i>Pieris rapae</i>	Pipeline route
Orange sulphur	<i>Colias eurytheme</i>	Pipeline route
Painted lady	<i>Vanessa cardui</i>	Pipeline route
Red admiral	<i>Vanessa atalanta</i>	Pipeline route

* Indicates new observance or additional information

Appendix B
Site Photos



Photo 1, HRZG stack and water treatment building, 7/8/11.



Photo 2 of City maintained access road through GGS setback area after recent mowing by the City, photo facing west, 7/8/11.



Photo 3 of City maintained access road through GGS setback area after recent mowing by the City, photo facing east, 7/8/11.



Photo 4 of house finch nest with 2 young on stairwell of HRZG, 7/14/11.



Photo 5 of injured barn swallow, 7/14/11.

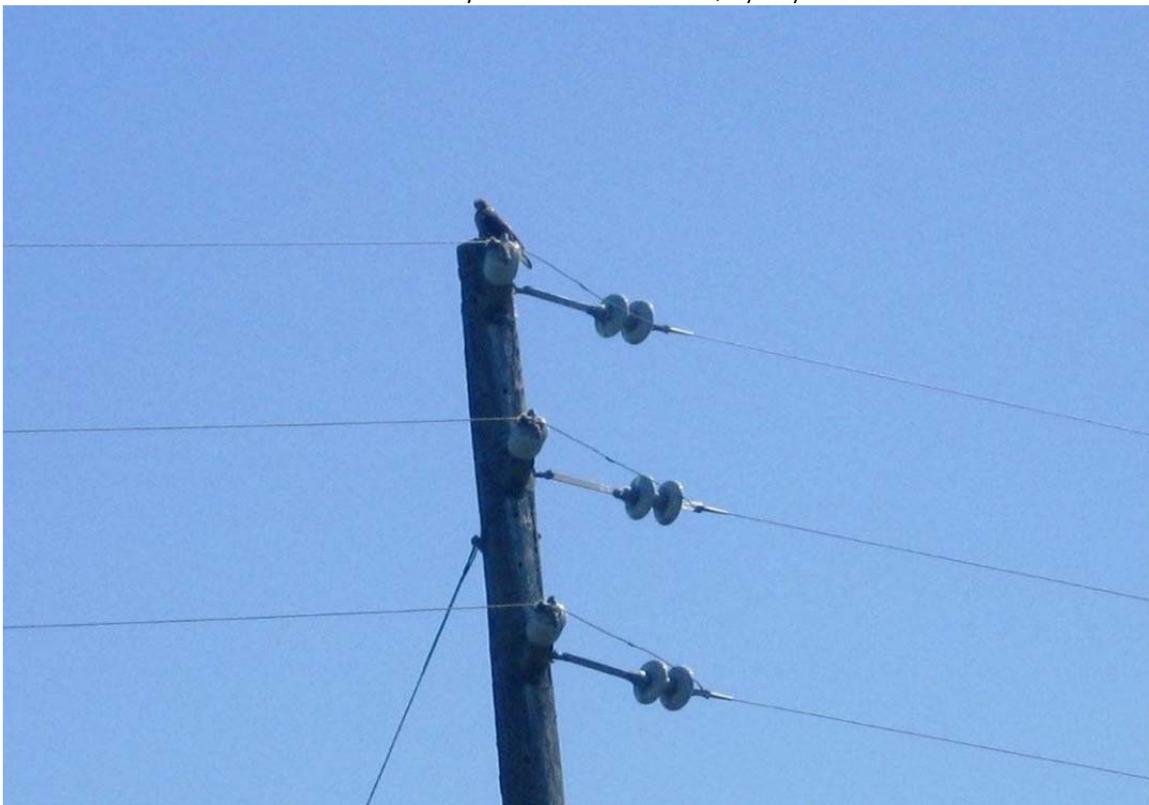


Photo 6 juvenile Swainson's hawk on pole adjacent to N. Thornton Road and the proposed natural gas pipeline right-of-way, 7/21/11.



Photo 7 of 2 juvenile Swainson's hawks in nest tree adjacent to Thornton Road and the proposed natural gas pipeline right-of-way, 7/21/11.



Photo 8 of killdeer nest in Laydown Area F, 7/21/11.



Photo 9 close-up of cracked killdeer egg and nest as observed, 7/21/11.



Photo 10 of house finch nest with 2 young on stairwell of HRZG, 7/21/11.



Photo 11 of eastern portion of LEC site, 7/21/11.



Photo 12 pre-disturbance photo of PG&E gas pipeline pot-hole area at W. Armstrong Road and railroad tracks, 7/29/11.



Photo 13 post-disturbance photo of PG&E gas pipeline pot-hole area at W. Armstrong Road and railroad tracks, 7/29/11.



Photo 14 of empty house finch nest on stairwell for HRZG prior to removal by Designated Biologist, 7/29/11.

Appendix C
Wildlife Observation Forms

WILDLIFE OBSERVATION FORM

To Record Animals Found In Oakley Generating Station Project Areas

To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee: *Marie Cole ARB Safety*

Date: *7-14-11*

Location of observation: *Laydown Yard E*

Wildlife species: *Barn swallow*

Condition of wildlife: Alive Dead

Possible cause of injury or death: *Possibly Flew into something or positioned*

Where is the animal currently? *Disposed of*

Is the resource in danger of project (or other) impacts?
NO

Comments: *Received call from Marie who was given the sparrow by one of the workers. She placed it in a box. When the DB received it the swallow was very lethargic and kept falling over. The swallow died on the way to Wildlife Care.*

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST

Rick Crowe: Cell (916) 296-5525 Office (916) 286-0416

BIOLOGICAL FIELD MONITORS

Victor Leighton: Cell (916) 425-7862 Office (916) 286-0415

Dan Williams: Cell (916) 943-8247 Office (916) 286-0229

Monthly Report of Cultural Resources Monitoring Activities for the Lodi Energy Center; COC CUL-6

Prepared For: Sarah Madams, LEC Project Manager
Prepared By: Clint Helton, LEC CRS
Reporting For Period: July 2011

This report covers cultural resources monitoring activities at the Lodi Energy Center (LEC) project for the month of July 2011, as required by Conditions of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Clint Helton was on-call as the Cultural Resources Specialist (CRS) for this month.

Monitoring and Associated Activities This Period

No cultural resources monitoring occurred.

Cultural Resources Discoveries This Period

None.

Anticipated Changes in the Next Period

None.

Comments, Issues or Concerns

None.

Lodi Energy Center (LEC) COC PAL-5; Paleontological Resources Monitoring Report for Construction Activities in July, 2011

PREPARED FOR: Andrea Greiner, Greiner & Associates
Sarah Madams, CH2M HILL

PREPARED BY: W. G. Spaulding, Ph.D., Paleontological Resources Specialist (PRS)

DATE: August 10, 2011

Personnel On-Call for Paleontological Monitoring This Period:

Jaspal Saini - Paleontological Resources Monitor (PRM)

Training Conducted This Month

All construction personnel receive the CEC approved Paleontological Resources Awareness Module of Worker Environmental Awareness Training prior to working on this project.

Monitoring Conducted This Month

Paleontological resources monitoring of ground-disturbing activities for this project have been concluded except when excavations affected depths previously not attained. During this period drilling of large-diameter boreholes to depths of approximately 50 feet was concluded.

Changes In the Future

Paleontological resources monitoring has been scaled back, and spot monitoring is now instituted. The project schedule continues to be monitored for excavations that might affect previously unaffected strata.

Paleontological Discoveries This Month

No paleontological resources were encountered during this reporting period.

Comments, Issues or Concerns

No issues or concerns were encountered during this period.

Exhibit 9

WEAP Training Sign-In Sheets

Exhibit 10

Construction Safety Reports

LODI ENERGY CENTER PROJECT

July 2011 SAFETY SUMMARY

Prepared by J.E.Selvey, LEC Construction Safety Supervisor

Recordables: 0

New Restricted work cases: 0

Near Misses; 0

First Aids: 0

Vehicle Incidents: 1

New hires, Hours, and Training;

- 230Kv switchyard training: **0** Total trained for the switchyard: **39**
- New hire orientations and WAEPs: **69 for July**
- Average workers: **Month of June; 253 ***
- Hours worked for **June: 43,884 *** YTD: **237,901 *** Job Start TD: **315,224 ***

* Numbers will be one month behind. We do not receive the numbers until two weeks into the following month stopping their inclusion in this months report.

Findings for July:

PPE Violations

- Several instances of people not wearing respirators when welding, grinding, or cutting alloyed and galvanized metals.
- Workers not wearing respirators when grinding concrete and using a jack hammer on same.
- Double eye protection when grinding metals or concrete
- No meta-tarsal guards when using tampers and jack hammers.
- Gloves in several instances not being worn
- Ear plugs needed when using certain machines
- Fall protection not being worn or not used correctly.

Housekeeping

- Discarded aerosol cans are starting to collect around the site. These are to be considered hazardous waste and disposed of with this in mind. They also represent a serious tripping hazard.
- Site is unraveling due to ARB laying off the designated clean up crews.
- Piles of trash and wood getting to the point that access and walking ways are being impinged on. Sent an e-mail regarding this with immediate results.
- Old or used barricade tape not being gathered up and thrown away. Tape also represents a tripping hazard.

Housekeeping, cont.

- Stacks of pre-bent re-bar prevalent around the site.
- Routing of cords and leads is beginning to develop into a problem. Inside the STG enclosure they are constantly being run over by JLGs. I stopped the operators of the JLG and got with those who strung out the cords so we could work out a plan that allowed both parties to work without impacting one another.

Basic Site Observances

- Un-labeled containers found. The material was identified and containers labeled.
- There were several areas where the change in elevation for an access or walkway exceeded 18". These were addressed.
- Bench grinder missing shield on right wheel. Only the left wheel is used for sharpening tungsten. Shield was ordered
- Road configuration changed. I advocated barricades be put in place to protect Gas Compressor skid and fire hydrants.
- Need convex traffic mirror at NW corner of site. Mirror is ordered
- Level of deck was raised and the handrails were not changed with it. When I brought it to the attention of the foreman, he fixed it immediately.
- Stair platform at back of the WP trailer were crooked and not set properly. ARB Laborers leveled and secured the platform along with cutting the weeds that would have impaired an escape.
- Fiberglass tanks were set on the Water Treatment Building pad without any tie downs. They were in the process of tying them down when a supervisor came out and told them not to. My problem with this is that he didn't bother to find a better/faster/cheaper solution to the problem but just stopped them and walked away.
- Vault manways are being left open with no one watching. Problem was easily fixed
- Had to address the barricading of the trenches. There were a couple of trenches not barricaded over a weekend. After talking with Mac I went out for an audit of the trenches and all were barricaded properly
- JHA details are starting to slip. Spoke with Mac concerning this and saw improvement over the next couple weeks
- Access to CWT pad blocked by stacks of re-bar. People climbing on the stacks to get in and out of the pad at the west end. Had the re-bar moved.
- Two Porta-Johns were not placed in a safe area. They were moved to a safer location.
- O2/Acetylene bottles were not secured properly. They were moved to a bottle cart, and where that was not feasible they were tied securely with two wires, top and bottom.
- Re-bar cages was set in a hole 28' deep. The guys setting the cage did not have fall protection on. Stopped the job and involved Gabe of CEI Safety in a discussion about 100% tie-off at the site.
- Had to move a 480volt power box. It was blocking a new exit in the CT enclosure
- Worker tied of to tubing on top of the GSU Transformer. Stopped him and got with his foreman.
- Large "spreader bar" is here belonging to Agate that has no Tare or Weight Allowance. Had to bar taken off site and replaced by one that had the required info.

Positive Observances

- Plan put in place for coating the inside of the circulating water pipe. MSDS provided along with ventilation and entry procedures.
- Response to most safety suggestions expedient and thorough.
- People going out of their way for the most part to be safe. They are asking questions before beginning things they are unsure of.
- Good attitudes are still the norm out here, safety wise.
- The all trade Safety Audits done semi-weekly are a good idea. There are many things the safety walks are catching most of which are housekeeping and PPE issues.
- Weeds were cut in the PF laydown yard. Yard is clean and orderly with compressed gasses stored properly

Environmental/Emergency Response;

- There has been a change in the road configuration. The road will be blocked at the NE corner now and then. If the road is blocked for more than an hour we call the FD and let them know. FD has several copies of a map that shows changes
- SSA has been relocated to the NW corner of the existing plant as per the CEC Final Decision. The western most portion of the new hazardous material storage area is the actual SSA and the line of demarcation is clearly indicated. ARB is allowed to use the rest if it wishes. If they do use it, we will include the storage in our weekly audits.
- Dead bird found. Rick Crowe had just left the site, no problems.
- The relief valve on the Conservator of the GSU Transformer blew, 7-26-11, allowing mineral oil to shower onto the Transformer, into the catch basin, with a little oil getting on the ground. The cause was too much oil in the Conservator which expanded from the heat of the sun. The relief valve released in the evening at approx. 5:30 after everyone had gone home. A hazardous spill clean-up company was called in to clean up the mess. There were no additional problems associated with the oil release.

Vehicle:

- Stop sign replaced on road that goes by entrance to White Slough. A line was painted on the road as well which seems to do the job of getting people to stop.
- PIV (Pressure Indicator Valve) was grazed by a flat bed truck. Minor damage to PIV
- Congestion ongoing problem as topography of the site changes.
- Spotters needed when backing up at the site. This is becoming more of a problem as the site gets more complicated

Monthly CEC Project Workers Safety Report

Project: Lodi Energy Center 08-AFC-10

Report Period: July 2011

Prepared by Inspector of Record: Taner Pamuk

1. Executive Summary of the Workers Safety Management

- ❖ Health and Safety Committee meetings were held once a week during this month
- ❖ The safety department of contractor ARB was informing the Fire Department about the nature of confined space works and high angle works via phone as part of emergency readiness and preparation
- ❖ The CBO representative performed walk down inspections with LEC Project safety personnel. Issues that were observed during these walk-downs were documented by the LEC Project safety personnel and correction follow-up was done accordingly.
- ❖ Please refer to Project Owner's monthly safety report for any incident that happened during the month of July

2. Field Condition and Observations

The Project Owner (NCPA) and project management/design team (WP) emphasized safety concerns and communicated through the contractor (ARB) to take corrective actions and mitigate the hazards. One of the main focus points was use of respiratory protection while performing welding, cutting or any work on metals such as galvanized and alloyed steel, and chrome pipes which would create harmful fumes.

The work activities such as pipe installment and steel structure erection or any activity at greater heights more than 6 feet which required fall protection were well respected. The LEC project safety personnel continually enforced and ensured fall protection. Any personnel engaged in work activities that required fall protection were assisted and provided with proper means of fall protection equipment including beam clamps and retractable life lines.

Housekeeping issues came up during the month which is one of the most challenging safety items for the construction industry. The contractor (ARB) and its subcontractors performed housekeeping to maintain clean site. Housekeeping concerns were recognized as a continuous cycle of the nature of construction site.

Non-permit required confined space activity: joints of the circulation water line (above ground) were inspected and sealed. MSDS of the chemical was taken into account for providing the correct type of PPE. Sufficient ventilation was also provided during the works. Prior to the work activity permits were maintained for a non-permit required confined space.

2.1. Job Safety Analyses

Contractor ARB and its subcontractors continued to perform daily Job Hazard Assessments for each working crew. It was noted that some of the Job Hazard Analyses were poorly prepared and were not covering the hazards / risks specific to the task. This concern was brought to the attention of project safety personnel.

2.2. Safety Inspections

- ❖ NCPA/WP safety manager performed daily site inspections and a follow-up was made by NCPA/WP safety manager to ensure that unsafe items were closed
- ❖ NCPA/WP safety manager performed safety inspections and random checks on site to ensure that ARB is in compliance with LORS and maintaining a safe site for its workforce
- ❖ Contractor ARB performed interval work location safety inspections involving its subcontractors
- ❖ Contractor ARB performed interval safety walk-downs with work crews to improve and enforce worker safety

3. Observed Unsafe Conditions and Corrective Actions Taken

	<p>Correction Required Risk of Fall; missing mid-rail</p> <p>Standard 29 CFR 1926.501 (b)(1). 8 CCR 3209 (a)</p> <p>Corrective Action Requested Provide standard guardrail</p> <p>RESOLVED</p>
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	<p>Correction Required Electrical cords were exposed to physical damage</p> <p>Standard 29 CFR 1910.305(a)(2)(x)</p> <p>Corrective Action Requested Re-route electrical cords to avoid physical damages</p> <p>RESOLVED – Repetitive item at the same location</p>
	<p>Correction Required Pinch points / Crush Hazard: Mobile crane swing area</p> <p>Standard 29 CFR 1926.1424 (a)(2)(ii)</p> <p>Corrective Action Requested Barricade the swing area of the mobile crane</p> <p>RESOLVED</p>
	<p>Correction Required Fire prevention Weeds were blocking fire exist</p> <p>Standard 29 CFR 1926.151 (c)(3)</p> <p>Corrective Action Requested Cut down weeds</p> <p>RESOLVED</p>

	<p>Correction Required Dust control concern</p> <p>Standard 8 CCR 1590 (b)</p> <p>Corrective Action Requested Reduce or minimize dust creation by spraying water</p> <p>RESOLVED</p>
	<p>Correction Required Unsecured ladder used to access STG path</p> <p>Standard 8 CCR 3276 (e)(7),(8)&(9)</p> <p>Corrective Action Requested Secure the ladder</p> <p>RESOLVED</p>
	<p>Correction Required Insufficient height of a guardrail section</p> <p>Standard 8 CCR 3209 (a)</p> <p>Corrective Action Requested The height of the guardrail should be minimum 42 inches</p> <p>RESOLVED</p>

	<p>Correction Required Risk of fall while installing foundation rebar-cage of transmission tower</p> <p>Standard 29 CFR 1926.501 (b)(2)(i)</p> <p>Corrective Action Requested Ensure fall protection while working around pier Note: Employee working around the cage would be exposed to fall risk once the cage settled into its place</p> <p>RESOLVED</p>
	<p>Correction Required Risk of fall: open edge</p> <p>Standard 29 CFR 1926.501(b)(2)(ii)</p> <p>Corrective Action Requested Ensuring fall protection with providing hard barricading</p> <p>RESOLVED</p>
	<p>Correction Required Wire sling hooks missing latches to secure load</p> <p>Standard 29 CFR 1910.184(c)(6), 1910.181(j)(2)(i)&(ii) & 1910.181(a)(29)</p> <p>Corrective Action Requested Remove the slings from service</p> <p>RESOLVED</p>

	<p>Correction Required Blocked access route. Access was blocked by electrical distribution panel (for temporary site electric)</p> <p>Standard 8 CCR 1513 (c)</p> <p>Corrective Action Requested Ensure safe and clear path way to work areas</p>
	<p>Correction Required Spreader bar with no identification / name plate stating its capacity and weight</p> <p>Standard 8 CCR 5049 (f)</p> <p>Corrective Action Requested Proof of identification State the capacity and weight of the spreader bar Note: Spreader bar was removed from the site RESOLVED</p>
	<p>Correction Required Unsecured load: forks were not tilted and the load was sitting on the tip of the forks</p> <p>Standard 8 CCR 3650 (l) & (t)(27),(28)&(29)</p> <p>Corrective Action Requested Ensuring that the loads were secured before rolling the forklift, if necessary secure the load by tying and / or strapping it RESOLVED</p>



Correction Required
Welding flash (UV)

Standard
8 CCR 4851 (a)

Corrective Action Requested
Provide welding screen to protect other from welding flash

RESOLVED



Correction Required
Respiratory protection was needed while welding / cutting stainless steel

Standard
8 CCR 1528 (a) & 1532.2

Corrective Action Requested
Ensure respiratory protection was worn while performing welding / cutting any harmful metal or surface

RESOLVED – Project safety personnel agreed to enforce and implement disciplinary actions for further violations

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
1	09/27/10	HRSO Duct Bank crossing (north)	Need listing for couplers	09/30/10	Lowell Brown	
2	09/30/10	HRSO Duct Bank crossing (Middle)	N/A	10/04/10	Lowell Brown	
3	10/06/10	HRSO Duct Bank crossing (South)	N/A	10/07/10	Lowell Brown	
4	10/14/10	HRSO Ground Grid	CEMS Grounding, Lightning c/o stack	10/14/10	Lowell Brown	Lightning
5	10/21/10	CTG Ground Grid	N/A	10/21/10	Lowell Brown	
6	11/01/10	HRSO Bottom Mat, bolts & drains	Rebar Mat laps, repair pipe wrap	11/01/10	Lowell Brown	
7	11/04/10	HRSO Drain Ductile Iron Top out	Top out O.K.	11/04/10	Lowell Brown	
8	11/04/10	HRSO Top Mat & Repairs	Rebar, Bolts, Pipe Wrap finished	11/04/10	Lowell Brown	
9	11/10/10	CTG Foundation Bottom Mat	Progress O.K., Need Conduits & Pipe	11/10/10	Lowell Brown	
10	11/10/10	Site Temporary Facilities	Provide approved plans for Inspection	11/10/10	Lowell Brown	
11	11/12/10	Firewall Ftg, Rebar & Grounds	Rebar & Grounds	11/12/10	Lowell Brown	
12	11/22/10	Fire Wall Rebar	Minor Items to be confirmed by Spec.	11/22/10	Lowell Brown	
13	11/24/10	CT Drains (3) Top out Test	O.K., pipe test X 3	11/24/10	Lowell Brown	
14	12/10/10	Fire Line Tie-in Spool	Hydrotest to 200 psi / 2hrs, o.k.,	12/10/10	Lowell Brown	
15	12/10/2010	CTG Foundation Top Mat, Bolts, conduits & grnd	See 14 item corr. Notice	12/14/10	Lowell Brown	
16	12/10/10	STIG Cooling Tower Fnd, & Chem Skids	Rebar & bolts o.k.	12/10/10	Lowell Brown	
17	12/12/10	Trailer reinspection for ARB	O.K.	12/12/10	Lowell Brown	
18	12/14/10	CTG Foundation Reinspection	Rebar corrections completed.	12/14/10	Lowell Brown	
19	12/22/10	Cooling Tower Sump Rebar & Grnds	Rebar & grnds o.k.	12/22/10	Lowell Brown	
20	12/22/10	CTG Pedestal Rebar & grnds	See 3 item corr. Notice	12/23/10	Lowell Brown	
21	12/23/10	CTG Pedestal Rebar & grnds Reinspection	Rebar O.K.,	12/23/10	Lowell Brown	
22	01/07/11	Cooling Tower Sump Walls (partial)	Rebar O.K.,	01/07/11	Lowell Brown	
23	01/07/11	Worley Parsons Construction Site Trailer	See 5 Item Correction Notice			
24	01/12/11	CTG Pedestals Rebar and Plates	See 11 item Correction Notice	01/14/11	Lowell Brown	
25	01/14/11	Reinsp. Pedestals and Plates	Items corrected, O.K.	01/14/11	Lowell Brown	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
26	01/18/11	Cooling Tower Slab on grade rebar & Water Stop	See (2) item Correction Notice	01/20/11	Lowell Brown	
27	01/20/11	Reinspect C.T. /SOG, Rebar & Water Stop	Corrections complete, O.K.	01/20/11	Lowell Brown	
28	01/25/11	Gas Compressor Foundation Rebar	Rebar O.K.	01/25/11	Lowell Brown	
29	01/25/11	Oil/Water Sep. Fdn Rebar, bolts & C.T. Walls	Rebar/bolts OWS, rebar O.K. CT Walls	01/28/11	Lowell Brown	
30	02/04/11	STIG Gas Compressor & C.T. Pads Pipe supp.	Rebar, grounds and bolts O.K.	02/04/11	Lowell Brown	
31	02/16/11	Cooling Tower Sump south wall & Lube Oil Curb	Rebar and waterstop O.K.,	02/16/11	Lowell Brown	
32	02/23/11	STG Foundation Rebar, Bolts and Grounds	See (4) item correction list	02/28/11	Lowell Brown	
33	02/28/11	STG Fnd reinsp Rebar, Bolts and Grounds	Rebar, bolts & grounds O.K.	02/28/11	Lowell Brown	
34	03/08/11	Exhaust Outlet Foundation	Rebar /bolts O.K.	03/08/11	Lowell Brown	
35	03/09/11	Blow Down Slump	Rebar / waterstop O.K.	03/09/11	Lowell Brown	
36	03/14/11	Cooling Tower East wall	Rebar waterstop. O.K.	03/11/11	Lowell Brown	
37	03/14/11	CT GST Rebar and Waterstop	Rebar and waterstop O.K.	03/13/11	Lowell Brown	
38	03/16/11	Pump Chamber Cooling Tower	Rebar / clearance / waterstop. O.K.	03/16/11	Kevin Dumford	
39	03/18/11	Cooling Tower Basin Pump	Rebar /clearance/waterstop. O.K.	03/18/11	Kevin Dumford	
40	03/18/11	Waste Water Collection Slump matt	Rebar/waterstop O.K.	03/18/11	Kevin Dumford	
41	03/22/11	STG Condenser Pedestals	Corrections.	03/28/11	Lowell Brown	
42	03/22/11	HRSR Roto Air Cooler Pedestals	Corrections.	03/31/11	Lowell Brown	
43	03/25/11	STG Condenser Pedestals	Corrections.	3/28/20011	Kevin Dumford	
44	03/28/11	STG Condenser Pedestals	Rebar Corrections complete O.K.	3/28/20011	Kevin Dumford	
45	03/30/11	HRSR Roto Air Cooler Pedestals	Rebar / clearance	03/31/11	Kevin Dumford	
46	03/30/11	Cooling Tower slab center section.	Rebar/waterstop/clearance. O.K.	03/30/11	Kevin Dumford	
47	03/30/11	CT Gen. step up foundation pedestals	Rebar / clearance. O.K.	03/31/11	Kevin Dumford	
48	04/05/11	HRSR utility bridge foundation east side.	Rebar/ clearance. O.K.	04/05/11	Kevin Dumford	
49	04/05/11	CT Gen. step up walls 3ft lift.	Rebar/waterstop/clearance. O.K.	04/06/11	Kevin Dumford	
50	04/05/11	West side HRSR utility bridge foundation.	Rebar/clearance. O.K.	04/06/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
51	04/05/11	Cooling tower walls (middle).	corrections	04/07/11	Kevin Dumford	
52	04/07/11	Cooling tower walls (middle).	Rebar/waterstop/clearance. O.K.	04/07/11	Kevin Dumford	
53	04/07/11	Pipping suppoert cooling tower.	Rebar/ bolts. O.K.	04/07/11	Kevin Dumford	
54	04/11/11	Utility bridge (HRSG) west side.	Rebar/clearance. O.K.	04/07/11	Kevin Dumford	
55	04/12/11	Waste water collection sump walls.	Rebar/clearance/waterstop. O.K.	04/12/11	Kevin Dumford	
56	04/12/11	Top of pump chamber cooling tower.	Rebar/clearance. O.K.	04/12/11	Kevin Dumford	
57	04/12/11	Cooling tower pipe supports south of C/T.	Rebar. O.K.	04/13/11	Kevin Dumford	
58	04/14/11	Duct bank at cooling tower to water treatment.	rebar (roadway) and conduit.	04/14/11	Kevin Dumford	
59	04/15/11	HRSG power block.	Rebar/clearance.	04/15/11	Kevin Dumford	
60	04/19/11	STG permimeter foundation.	missing drains correction.	04/21/11	Kevin Dumford	
61	04/20/11	HRSG power block columns.	Rebar/clearance. O.K.	04/20/11	Kevin Dumford	
62	04/21/11	STG permimeter foundation.	Rebar/clearance added drains.	04/21/11	Kevin Dumford	
63	04/25/11	CT Gen step up (blast) walls.	Rebar/clearance. O.K.	04/27/11	Kevin Dumford	
64	04/28/11	Utility bridge (HRSG) foundation F-7 F-8.	Rebar/clearance. O.K.	04/28/11	Kevin Dumford	
65	04/28/11	PDC "1" foundation.	Rebar/clearance. O.K.	04/28/11	Kevin Dumford	
66	05/03/11	PDC "1" columns.	Rebar/clearance. O.K.	05/04/11	Kevin Dumford	
67	05/05/11	Utility bridge HRSG columns	Rebar/clearance. O.K.	05/05/11	Kevin Dumford	
68	05/06/11	ISO phase bus duct	Rebar/clearance. O.K.	05/10/11	Kevin Dumford	
69	05/06/11	CT electrical platform foundation	Rebar/clearance. O.K.	05/10/11	Kevin Dumford	
70	05/10/11	North boiler feedwater foundation	Rebar/clearance. O.K.	05/10/11	Kevin Dumford	
71	05/11/11	South boiler feedwater foundation	Rebar/clearance. O.K.	05/11/11	Kevin Dumford	
72	05/11/11	HRSG utility bridge F-5 & F-6	Rebar/clearance. O.K.	05/11/11	Kevin Dumford	
73	05/11/11	STG second lift	Rebar/clearance. O.K.	05/12/11	Kevin Dumford	
74	05/11/11	Switchyard foundation F-1,F-2,F-3,F-4 & F-12	Rebar/clearance. O.K.	05/13/11	Kevin Dumford	
75	5/12/2011	HRSG utility bridge pedestals	Rebar/clearance. O.K.	05/13/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
76	05/13/11	CT water drain tank foundation.	Rebar/clearance. O.K.	05/13/11	Kevin Dumford	
77	05/16/11	Circuit breaker foundation switchyard.	Rebar/clearance. O.K.	05/17/11	Kevin Dumford	
78	05/17/11	Temp pipe supports.	Rebar. O.K.	05/17/11	Kevin Dumford	
79	05/17/11	Switchyard pole supports F-1,F-2,F-3 & F-4.	Rebar/clearance. O.K.	05/20/11	Kevin Dumford	
80	05/17/11	Switchyard transmission foundations F-7 & F-8.	Rebar/clearance. O.K.	05/20/11	Kevin Dumford	
81	05/23/11	Circuit breaker support foundation.	Rebar/clearance. O.K.	05/24/11	Kevin Dumford	
82	05/23/11	Electrical equipment foundation.	Rebar/clearance. O.K.	05/24/11	Kevin Dumford	
83	05/23/11	Platforms & stair foundations.	Rebar/clearance. O.K.	05/24/11	Kevin Dumford	
84	05/23/11	Switchyard pole supports F-5,F-6 & F-7.	Rebar/clearance. O.K.	05/24/11	Kevin Dumford	
85	05/25/11	Vortey breakers cooling tower.	Rebar/clearance. O.K.	05/26/11	Kevin Dumford	
86	05/25/11	Circuit breaker pedestals	Rebar/clearance. O.K.	05/26/11	Kevin Dumford	
87	05/25/11	10" curb power block.	Rebar/clearance. O.K.	05/26/11	Kevin Dumford	
88	05/25/11	Boiler fedwater equipment pad.	Rebar/clearance. O.K.	05/26/11	Kevin Dumford	
89	05/31/11	Cooling tower pump platform foundation.	Rebar not ready	06/06/11	Kevin Dumford	
90	06/06/11	STIG gas compressor pipe supports.	Rebat /clearance. O.K.	06/06/11	Kevin Dumford	
91	06/06/11	Cooling tower pump platform foundation.	Rebar/clearance. O.K.	06/06/11	Kevin Dumford	
92	06/06/11	Fuel gas equipment foundations.	Rebar/clearance. O.K.	06/06/11	Kevin Dumford	
93	06/08/11	Water seperator slab.	Rebar/clearance. O.K.	06/08/11	Kevin Dumford	
94	06/10/11	STIG gas compressor pipe supports pedestals.	Rebar/clearance. O.K.	06/10/11	Kevin Dumford	
95	06/13/11	STG third left.	Rebar/clearance. O.K.	06/15/11	Kevin Dumford	
96	06/14/11	Fuel gas equipment foundations pedestals.	Rebar/clearance. O.K.	06/15/11	Kevin Dumford	
97	06/14/11	Cooling tower pump foundation pedestals.	Rebar/clearance. O.K.	06/15/11	Kevin Dumford	
98	06/14/11	Fuel Gas heater	Rebar/clearance. O.K.	06/15/11	Kevin Dumford	
99	06/16/11	Control Oil skid	Rebar/clearance. O.K.	06/17/11	Kevin Dumford	
100	06/21/11	Transmission foundation F9	Rebar/clearance. O.K.	06/21/11	Kevin Dumford	

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101	06/21/11	Clarified Water tank Foundation.	Rebar/clearance. O.K.	06/21/11	Kevin Dumford	
102	06/23/11	Transmission Foundation F 11.	Rebar/clearance. O.K.	06/23/11	Kevin Dumford	
103	06/23/11	Water Treatment building foundation.	Rebar/clearance and waterstop. O.K.	06/23/11	Kevin Dumford	
104	06/24/11	STG pedestal P.	Rebar/clearance. O.K.	06/23/11	Kevin Dumford	
105	06/24/11	Air Compressor pipe rack foundation.	Rebar/clearance. O.K.	06/24/11	Kevin Dumford	
106	06/24/11	Transmission Foundation F 10, F 12.	Rebar/clearance. O.K.	06/24/11	Kevin Dumford	
107	06/28/11	Cooling Tower stair pad.	Rebar/clearance. O.K.	06/28/11	Kevin Dumford	
108	06/29/11	STG pedestal.	Rebar/clearance. O.K.	06/29/11	Kevin Dumford	
109	06/29/11	Wash trailer foundation.	Rebar/clearance. O.K.	06/29/11	Kevin Dumford	
110	06/30/11	South stair landing CTG black.	Rebar/clearance. O.K.	06/30/11	Kevin Dumford	
111	06/30/11	HRSB bridge stair landing	Rebar/clearance. O.K.	06/30/11	Kevin Dumford	
112	06/30/11	STG pipe rack F8, F7.	Rebar/clearance. O.K.	06/30/11	Kevin Dumford	
113	07/01/11	Transmission foundation F1.	Rebar/clearance. O.K.	07/01/11	Kevin Dumford	
114	07/05/11	SUS transformer foundation.	Rebar/clearance. O.K.	07/05/11	Kevin Dumford	
115	07/08/11	Lower slab sump chemical feed unloading.	Rebar/clearance. O.K.	07/08/11	Kevin Dumford	
116	07/08/11	Water treatment curbs & equipment pads.	Rebar/clearance. O.K.	07/08/11	Kevin Dumford	
117	07/08/11	Transmission foundation F4.	Not Ready	07/08/11	Kevin Dumford	
118	07/08/11	STG utility bridge foundation pipe rack F4.	Rebar/clearance. O.K.	07/08/11	Kevin Dumford	
119	07/12/11	Water treatment, remainder of equipment pads	Rebar/clearance. O.K.	07/12/11	Kevin Dumford	
120	07/12/11	Chemical feed unloading bottom slab only.	Rebar/ water stop/clearance. O.K.	07/12/11	Kevin Dumford	
121	07/14/11	HRSB power block stair landing.	Rebar/clearance. O.K.	07/14/11	Kevin Dumford	
122	07/14/11	Transformer foundation CTG PDC2.	Rebar/clearance. O.K.	07/14/11	Kevin Dumford	
123	07/15/11	STG utility bridge foundation F2,F5.	Rebar/clearance. O.K.	07/15/11	Kevin Dumford	
124	07/15/11	Transmission foundation F4.	Rebar/clearance. O.K.	07/15/11	Kevin Dumford	
125	07/18/11	Chemical feed unloading rebar wallonly.	Rebar.O.K.	07/18/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
126	07/20/11	CTG PDC 2 transformar foundation.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
127	07/20/11	Service water tank foundation.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
128	07/20/11	STG untility bridge F6 pedestal.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
129	07/20/11	Transmission foundation F4.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
130	07/20/11	Transmission foundation F3.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
131	07/20/11	STG untility bridge foundation F1.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
132	07/20/11	Magnesium Oxide,Hydrated tank foundation.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
133	07/20/11	Chemical feed unloading with forms up.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
134	07/25/11	Transmission foundation F5.	Rebar/clearance. O.K.	07/25/11	Kevin Dumford	
135	07/27/11	Steam drain tank foundation.	Rebar/clearance. O.K.	07/27/11	Kevin Dumford	
136	07/27/11	STG utility bridge F3 foundation.	Rebar/clearance. O.K.	07/27/11	Kevin Dumford	
137	07/28/11	STG utility bridge F10 F 11 foundation.	Rebar/clearance. O.K.	07/28/11	Kevin Dumford	
138	07/28/11	Vacuum pump foundation.	Rebar/clearance. O.K.	07/28/11	Kevin Dumford	
139	07/28/11	STG utilty bridge F2 foundation.	Rebar/clearance. O.K.	07/28/11	Kevin Dumford	
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Exhibit 11

Correspondence, Filings, or Permits Issued by Other
Governmental Agencies

None this period.