

GRENIER & ASSOCIATES, INC.

ENVIRONMENTAL PLANNING • LICENSING & PERMITTING • REGULATORY COMPLIANCE

November 22, 2011

Compliance Log #2011-020

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

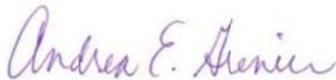
Subject: Lodi Energy Center (08-AFC-10C)
Condition of Certification COM-6
Monthly Compliance Report #15

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 fifteenth Monthly Compliance Report for the period ending October 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: Mike DeBortoli, NCPA



Lodi Energy Center Project



October 2011
Reporting Period

Monthly Compliance Report #15

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

Lodi Energy Center Project

Docket 08-AFC-10C

October 2011
Reporting Period

Monthly Compliance Report #15

TABLE OF CONTENTS

Monthly Compliance Report.....	Page 1
Project Summary Schedule	Exhibit 1
Key Events List.....	Exhibit 2
Construction Photographs	Exhibit 3
CBO Approvals	Exhibit 4
Look Ahead Schedules	Exhibit 5
Compliance Matrix.....	Exhibit 6
AQCMM Monthly Report.....	Exhibit 7
Resource Specialists Monthly Reports.....	Exhibit 8
WEAP Training Sign-In Sheets.....	Exhibit 9
Construction Safety Reports	Exhibit 10
Correspondence, Filings or Permits Issued By Other Governmental Agencies.....	Exhibit 11
Non-Compliance Report Log.....	Exhibit 12

MONTHLY COMPLIANCE REPORT #15

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 fifteenth 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 construction, commissioning, and environmental compliance activities that were performed during October 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 October 2011, the project was 78.9 percent complete overall. Project detailed design engineering has been completed, but WP's engineering team continues to provide support related to vendor submittal review and construction support. 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	65.5

During October, CTG erection continued with the trimming out of the CTG and CT Enclosures, installing CT piping systems, and erecting the Inlet Air Filterhouse. The CTG was mechanically completed in September. Pulling of cable from the Siemens Electrical Package to field devices has continued. The STG erection continued and all major components are set, and preliminary alignment is complete. Piping erection inside the enclosure began,

and the condenser shell was hydrostatically tested. ARB continued to install pipe in the HRSG and STG Area pipe racks. The STG Area pipe rack is complete and pipe is being erected. Fabrication is in progress with delivery scheduled late next month. The Contractor installed the high-voltage conductors and OPGW from the switchyard to the CTG GSU Transformer and set the sections of CTG isophase required for backfeed. ARB/Cupertino continued with pulling cable required for booting up the DCS. Control Room furniture is installed, and the UPS panel in the Control Room is complete.

The roofing, east wall siding, and mezzanine floor of the Water Treatment Building are yet to be completed – the mezzanine floor received CBO approval and is being made ready for pouring early next month. Switchyard equipment erection has been completed, Cupertino completed conduit installations and continued with cable pulls in the switchyard for switchyard control. ARB started the HRSG hydrotest in mid-October. SPX, the Cooling Tower supplier, mobilized late in September and began tower erection. The bents were about 75% erected by the end of the month. Paso Robles also mobilized in September and completed erection and testing of the Waste Water Injection Tank, the Demin Tank, and the Service Water Tank.

Weekly coordination calls were held during the reporting period between NCPA, WP, and ARB. 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 October 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 – October 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 major engineering and procurement activities have been completed, this report focuses on the construction and commissioning activities that were accomplished during the reporting period.

Construction

The following major construction activities were accomplished at the LEC project site during October:

General Activities

- Continued procurement, field fabrication for large bore aboveground piping
- Substantial completion of planned shop fabrication of aboveground piping
- Continued installation of street lighting foundations, conduit, grounding
- Continued installation of instrumentation at CTG and HRSG areas

STG Activities

- Continued STG under-roof electrical
- Completed STG building foam fire protection equipment installation
- Completed foundations south of STG building
- Substantially completed STG enclosure interior support steel
- Completed STG millwright rough alignment
- Continued installation of steam turbine package
- Continued receipt and installation of miscellaneous ST pumps and tanks
- Completed bolt up of STG Pipe rack support steel, platforms and stairs
- Commenced layout of cable tray at STG pipe rack
- Continued installation of STG interconnecting piping
- Commenced installation of LB AG pipe and supports at STG pipe rack

HRSG Activities

- Completed AG piping supports and piping
- Completed portions of the HRSG hydrotesting

West Area Activities

- Completed installation of Auxiliary Boiler equipment (boilermaker work)
- Completed installation of Auxiliary Boiler steel, excluding steel for tanks and vessels
- Completed installation of Boiler feed water pumps A & B
- Commenced pipe above boiler feed water pumps

- Completed installation of Sample panel foundation
- Commence installation of closed cooling and circulating water piping at and above heat exchangers and closed cooling pumps
- Staged 2nd Air Compressor

Cooling Tower Area

- Continued installation of above ground circulating water pipe
- Continued platform steel
- Continued installation of condensate pumps

CTG Area Activities

- Continued installation of CTG piping
- Continued CTG electrical
- Completed CTG area structural steel and filter house

Water Treatment Building Activities

- Continued Water Treatment Building foundations (housekeeping pads at Acid dropoff area)
- Continued installation of WTB equipment
- Continued installation of WTB AG vendor supplied piping
- Continued WTB electrical
- Commenced installation of Clarifiers and Reactors tanks

North Area Activities

- Continued installation of ISO Phase bust duct, cable, electrical and weld splices at CT equipment

East Area Activities

- Completed installation of duct bank 0631
- Commenced installation of fuel gas compressor foundation
- Completed ST GSU wall
- Commenced layout for ST Circuit Breaker ISO phase foundations

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

General Activities

- Continue procurement, field fabrication of aboveground piping
- Continue installation of street lighting foundations, conduit, grounding
- Continue installation of instrumentation at CTG and HRSG areas

STG Activities

- Continue installation of steam turbine package
- Continue receipt and installation of miscellaneous ST pumps and tanks
- Complete Condenser Hydro
- Complete miscellaneous iron inside STG building
- Commence installation of isophase steel
- Continued installation of STG interconnecting piping
- Continue installation of LB AG pipe and supports at STG pipe rack

HRSR Activities

- Complete HRSR hydrotesting
- Commenced insulation of HRSR piping
- Commence painting

West Area Activities

- Continue pipe above boiler feed water pumps
- Commence installation of Auxiliary Boiler interconnecting piping and supports
- Commence tie-in of Auxiliary steam piping to Aux boiler
- Continue installation of closed cooling and circ water piping at and above heat exchangers and closed cooling pumps
- Complete setting of remaining Auxiliary Boiler tanks and associated structural steel
- Commence installation of boiler blowdown piping at boiler blowdown tank.

Cooling Tower Area

- Complete platform steel
- Complete large bore piping for circ water
- Commence installation of Circ Water and Aux Pump electrical
- Continue installation of condensate pumps and piping

CTG Area Activities

- Commence setting Fuel Gas related equipment (fuel gas heaters, compressors, etc.)
- Continue installation of CTG piping
- Continue CTG electrical

Water Treatment Building Activities

- Complete Water Treatment Building foundations:
 - containment walls at acid drop off area
 - housekeeping pads and curbs at second floor
- Complete installation of WTB mezzanine deck

- Commence with WTB masonry at 2nd floor
- Continue rough set of WTB equipment at 2nd floor and exterior (west of WTB)
- Continue installation of WTB AG vendor supplied piping
- Continue WTB electrical
- Continue installation of Clarifiers and Reactors tanks, platforms and equipment

North Area Activities

- Complete installation of ISO Phase bust duct, cable, electrical and weld splices at CT equipment
- Set raw water pumps and complete raw water piping connections

East Area Activities

- Complete installation of fuel gas compressor foundations
- Complete fuel gas scrubber foundation
- Commence installation for ST Circuit Breaker and ISO phase foundations
- Complete trimout of ST GSU

Commissioning

Power plant commissioning activities began in October 2011 as described below:

- Mobilization of Commissioning Manager
- Mobilization of Electrical Testing Subcontractor
- Established overall startup sequence and scheduling of system completion of startup packages
- Development of Backfeed Procedure, including review of PG&E "G5" requirements
- Submittal of Commissioning Procedures

Commissioning activities planned for November 2011 include:

- Construction Turnover of ALT 12KV; Partial Turnover of 480V Essential Power Systems
- Partial Turnover of Battery / UPS Systems
- Energization of 12kV Alternate Power
- Energization of Battery; DC Power System
- Begin Electrical Testing of HV; MV Systems
- Energization of PCS / Load Software
- Preparation for Plant Backfeed

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 October, the following compliance submittals were provided to the CEC CPM: Worker Safety-2 (Operations & Maintenance Safety Plan) and COM-6 (MCR #14).

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 October 2011 reporting period:

AQ-SC1: The Air Quality Construction Mitigation Manager (AQCOMM) for the project is responsible for directing and documenting compliance with 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. 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 94,000 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 October 2011 construction activities and associated biological monitoring, is included in Exhibit 8.

BIO-5: In accordance with this condition, 64 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,208. 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). An updated BRMIMP will be submitted in early November to reflect modifications to the gas pipeline as approved by the CEC on September 29, 2011.

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 in Exhibit 4.

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

CUL-5: In accordance with this condition, 64 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,208. 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 master drawing and spec list is available for viewing by accessing the LEC Project webpage that has been set up by the CBO.

GEN-3: During October, NCPA made payments to the CBO in the amount of \$54,081.

GEN-6: Information related to the approval of any 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, 64 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,208. 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.

S&W-7: San Joaquin County issued Well Construction Permit No. 425149 on 7/31/12. A copy of the permit is included in Exhibit 11. We are awaiting Staff's approval so that construction can commence.

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

STRUC-2: A log of the Non-Compliance Reports is provided in Exhibit 12.

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. All electrical equipment has been received and testing is underway. Energization of the equipment is expected to occur by year end.

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

VIS-4: Installation of exterior lighting continues. A request for an onsite inspection by the CEC CPM will be requested once the work is completed.

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

The Commissioning and Operations Security Plan required by HAZ-6 is under development and targeted for completion by mid-November. A letter indicating the plan is available for CEC CPM review will be submitted at that time. The City of Lodi continues to work on the Engineer's Report required by S&W-6 and we expect to submit this document to the CEC by early December before the plant takes any recycled water from the City of Lodi..

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. A Notice of Determination was filed on August 30, 2011 and re-circulated on September 15, 2011. The CEC issued an approval letter to NCPA on September 29, 2011. PG&E began constructing the gas line in October.

Filings or Permits Issued by Other Governmental Agencies

A copy of the well construction permit (Well Permit # 425149) issued by San Joaquin County is provided in Exhibit 11.

Projected Compliance Activities for November/December 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 November/December:

- BIO-6: Updated BRMIMP
- HAZ-6: Commissioning and Operations Security Plan
- TLSN-5: Metallic Objects Letter of Compliance
- S&W-6: Engineers Report and Cross Connection Inspection

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

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	Sep	Oct		
Contract Milestones																																		
Overall/all areas																																		
General																																		
MIL100	Award Construction Contract	0	22-Jul-10*		◆ Award Construction Contract																													
MIL110	Mobilize Site Construction	0	30-Jul-10*		◆ Mobilize Site Construction																													
MIL330	Substantial Completion	0		01-Jun-12*	◆ Substantial Completion																													
MIL331	Plant COD	0		12-Jun-12*	◆ Plant COD																													
Foundations																																		
MIL117	Cooling Tower Foundation Complete	0		22-Apr-11*	◆ Cooling Tower Foundation Complete																													
Electrical																																		
MIL210	Plant Electrical Backfeed	0		03-Oct-11*	◆ Plant Electrical Backfeed																													
Other																																		
MIL125	Field Erect Tank Foundations Complete	0		01-Aug-11*	◆ Field Erect Tank Foundations Complete																													
Startup & Commissioning																																		
MIL195	Hydrotest HRSG & Steam Cycle Piping	0		12-Jan-12*	◆ Hydrotest HRSG & Steam Cycle Piping																													
MIL196	Commissioning Complete: Water Treatment System	0		13-Feb-12*	◆ Commissioning Complete: Water Treatment System																													
MIL280	CTG First Fire	0		23-Mar-12*	◆ CTG First Fire																													
Equipment Deliveries																																		
Overall/all areas																																		
Mechanical Equipment																																		
DEL210	Receive Aux Boiler	0	01-Jul-11*		◆ Receive Aux Boiler																													
DEL180	RECEIVE BOILER FEED PUMPS	0	06-Sep-11*		◆ RECEIVE BOILER FEED PUMPS																													
DEL130	Receive Fuel Gas Compressors	0	03-Oct-11*		◆ Receive Fuel Gas Compressors																													
DEL220	RECEIVE CONDENSATE PUMPS	0	25-Jul-11*		◆ RECEIVE CONDENSATE PUMPS																													
DEL190	RECEIVE CONDENSER	0	02-May-11*		◆ RECEIVE CONDENSER																													
DEL120	Receive CTG components & accessories	0	10-Jan-11*		◆ Receive CTG components & accessories																													
DEL162	HRSG: Exhaust Stack & Breeching	16	04-Oct-10*	25-Oct-10	▬ HRSG: Exhaust Stack & Breeching																													
DEL270	HRSG: Stack Damper	6	18-Oct-10*	25-Oct-10	▬ HRSG: Stack Damper																													
DEL161	HRSG: Casing & SCR Duct	15	20-Oct-10*	09-Nov-10	▬ HRSG: Casing & SCR Duct																													
DEL250	HRSG: CO Catalyst Frames	6	22-Nov-10*	29-Nov-10	▬ HRSG: CO Catalyst Frames																													
DEL260	HRSG: SCR Catalyst Frames	6	01-Dec-10*	08-Dec-10	▬ HRSG: SCR Catalyst Frames																													
DEL340	HRSG: Stair tower	1	06-Dec-10*	06-Dec-10	▬ HRSG: Stair tower																													
DEL280	HRSG: Inlet Duct	11	08-Dec-10*	22-Dec-10	▬ HRSG: Inlet Duct																													
DEL330	HRSG: Ladders & platforms (Early Delivery Request)	1	03-Jan-11*	03-Jan-11	▬ HRSG: Ladders & platforms (Early Delivery Request)																													
DEL163	HRSG: Modules (All)	22	18-Jan-11*	16-Feb-11	▬ HRSG: Modules (All)																													
DEL290	HRSG: Drums & Vessels	1	20-Jan-11*	20-Jan-11	▬ HRSG: Drums & Vessels																													
DEL300	HRSG: Drum supports	1	01-Mar-11*	01-Mar-11	▬ HRSG: Drum supports																													
DEL310	HRSG: Pipe, valves, instrumentation, etc.	1	15-Mar-11*	15-Mar-11	▬ HRSG: Pipe, valves, instrumentation, etc.																													
DEL320	HRSG: CO & SCR Catalyst	1	15-Apr-11*	15-Apr-11	▬ HRSG: CO & SCR Catalyst																													
DEL160	COMPLETE HRSG DELIVERY	0		22-Apr-11*	◆ COMPLETE HRSG DELIVERY																													
DEL115	Receive Oil Water Separators	0	15-Nov-10*		◆ Receive Oil Water Separators																													
DEL640	Receive Instrumentation Indicators (Face Gauges)	0	09-Dec-10*		◆ Receive Instrumentation Indicators (Face Gauges)																													
DEL510	Receive Sump Pumps	0	07-Jan-11*		◆ Receive Sump Pumps																													
DEL530	Receive Gas Metering/Valves	0	17-Jan-11*		◆ Receive Gas Metering/Valves																													
DEL570	Receive Control Valves (HP, LP, Pneumatic, Air, PRV)	0	17-Jan-11*		◆ Receive Control Valves (HP, LP, Pneumatic, Air, PRV)																													
DEL550	Receive LB Alloy Pipe	0	01-Mar-11*		◆ Receive LB Alloy Pipe																													
DEL410	Receive Heat Exchanger (STIG/LEC)	0	07-Mar-11*		◆ Receive Heat Exchanger (STIG/LEC)																													
DEL450	Receive Misc. Horizontal Pumps	0	11-Apr-11*		◆ Receive Misc. Horizontal Pumps																													

▬ 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
CON780	REBAR / EMBED FABR. HRSG BLOWDOWN TANK	30	14-Feb-11	25-Mar-11																										
CON570	REBAR / EMBED FABR. SUMP PUMPS	30	14-Mar-11	22-Apr-11																										
CON1210	INSTALL HRSG BLOWDOWN TANK FOUNDATION	21	28-Mar-11	25-Apr-11																										
CON510	REBAR / EMBED FABR. PDC 3 HRSG/STG	19	08-Mar-11	01-Apr-11																										
CON5270	PDC Foundation	20	08-Mar-11	04-Apr-11																										
CON980	Pour PDC (HRSG/CEMS) Base foundation	1	04-Apr-11	04-Apr-11																										
CON5210	AIG skid foundation	10	13-Jan-11	26-Jan-11																										
CON620	REBAR / EMBED FABR. HRSG 1 RACK	30	13-Jan-11	23-Feb-11																										
CON5340	REBAR / EMBED FABR. HRSG 1 RACK	30	13-Jan-11	23-Feb-11																										
CON5230	North pipe rack (over inlet duct) foundations	10	13-Jan-11	26-Jan-11																										
CON1070	INSTALL HRSG 1 RACK FOUNDATION	20	24-Feb-11	23-Mar-11																										
CON5390	Main pipe rack foundations west of HRSG	20	17-Mar-11	13-Apr-11																										
Ductbanks/Manholes/Ground Grid																														
CON4330	Stub ups from Ductbanks (at HRSG)	7	27-Sep-10	05-Oct-10																										
CON5440	DB-0831 (west of HRSG to E4900)	10	06-Oct-10	19-Oct-10																										
CON5600	DB-0211 (south section, west of HRSG)	5	26-Nov-10	03-Dec-10																										
CON4410	DB-0321 (MH-03 to MH-04 & to BFW pumps)	15	18-Jan-11	07-Feb-11																										
CON4420	DB-0331 (west of HRSG to MH-03)	7	18-Jan-11	26-Jan-11																										
CON5740	DB-0331 (MH-03 to relocated cooling towers)	15	18-Jan-11	07-Feb-11																										
CON5750	DB-0331 (branch to auxiliary boiler)	7	08-Mar-11	16-Mar-11																										
CON4080	Excavate and set MH-04	5	10-Nov-10	16-Nov-10																										
CON4070	Excavate and set MH-03	5	11-Jan-11	17-Jan-11																										
Mechanical Equipment																														
CON370	Install auxiliary boiler	45	01-Jul-11	01-Sep-11																										
CON290	INSTALL BOILER FEED WATER PUMPS A & B	6	06-Sep-11	13-Sep-11																										
CON2760	HRSG BLOWDOWN SUMP PUMP A	0	24-May-11	24-May-11																										
CON2770	HRSG BLOWDOWN SUMP PUMP B	0	24-May-11	24-May-11																										
CON2780	HRSG BLOWDOWN TANK	0	24-May-11	24-May-11																										
Structural Steel																														
CON200	Erect Piperack Structural Steel	50	28-Apr-11	06-Jul-11																										
Electrical																														
CON5780	Set HRSG/STG PDC	7	19-Apr-11	27-Apr-11																										
Piping - Above Ground																														
CON1690	INSTALL BOILER BLOWDOWN LINE	10	18-Jul-11	29-Jul-11																										
STG (north and west)																														
Foundations																														
CON560	REBAR / EMBED FABR. COND PMPS	30	13-Jun-11	22-Jul-11																										
CON5170	Condensate pump A foundation	20	13-Jun-11	08-Jul-11																										
CON5180	Condensate pump B foundation	20	13-Jun-11	08-Jul-11																										
CON4060	INSTALL CONDENSATE EXTRACTION PUMP FDN	3	25-Jul-11	27-Jul-11																										
CON3830	INSTALL CONDENSER POLISHING UNIT FDN	3	25-Jul-11	27-Jul-11																										
CON3840	INSTALL CONDENSER VACUUM PUMPS FDN	4	25-Jul-11	28-Jul-11																										
CON550	REBAR / EMBED FABR. CCW HT XCHNGRS	30	13-Jun-11	22-Jul-11																										
CON5220	Closed cooling water heat exchanger foundation	20	13-Jun-11	08-Jul-11																										
CON1020	INSTALL CCW HT XCHNGRS FOUNDATION	6	25-Jul-11	01-Aug-11																										
CON3790	INSTALL CLOSED COOLING WATER PUMPS FDN	5	11-Jul-11	15-Jul-11																										
CON5130	External steam drain tank foundation	20	13-Jun-11	08-Jul-11																										
CON5140	Air Compressor A&B foundation	20	21-Apr-11	18-May-11																										

█ 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
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: CHRISTINE STORA

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

3.1 PROJECT PHOTOGRAPHS



CTG – Looking northeast



Aux Boiler



STG Piperack and PDC2 – Looking southeast



Sample Panel foundation and CCCW Tie to STIG



STG Piperack – Looking southeast



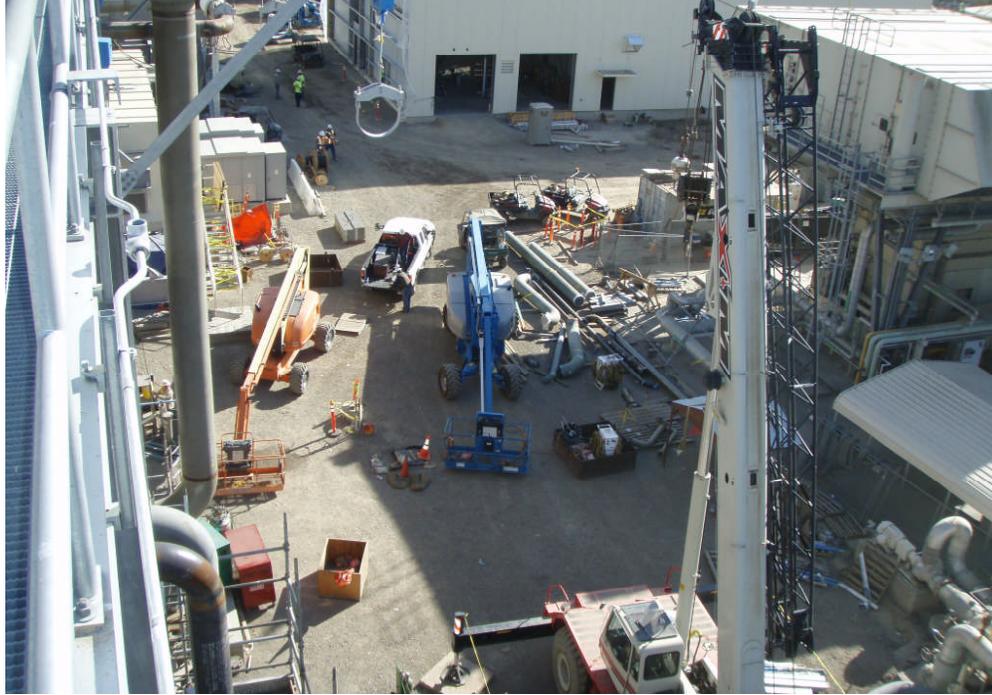
Boiler Feedwater Pump



Boiler Feedwater (LAB) Piping in Piperack



Gas Compressor foundation mudslab



Westside Road normally blocked



CTG "Skybreaker"



CTG Unit Transformer



Circulating Water Pumps, Chemical Area and CTWR – Looking southwest



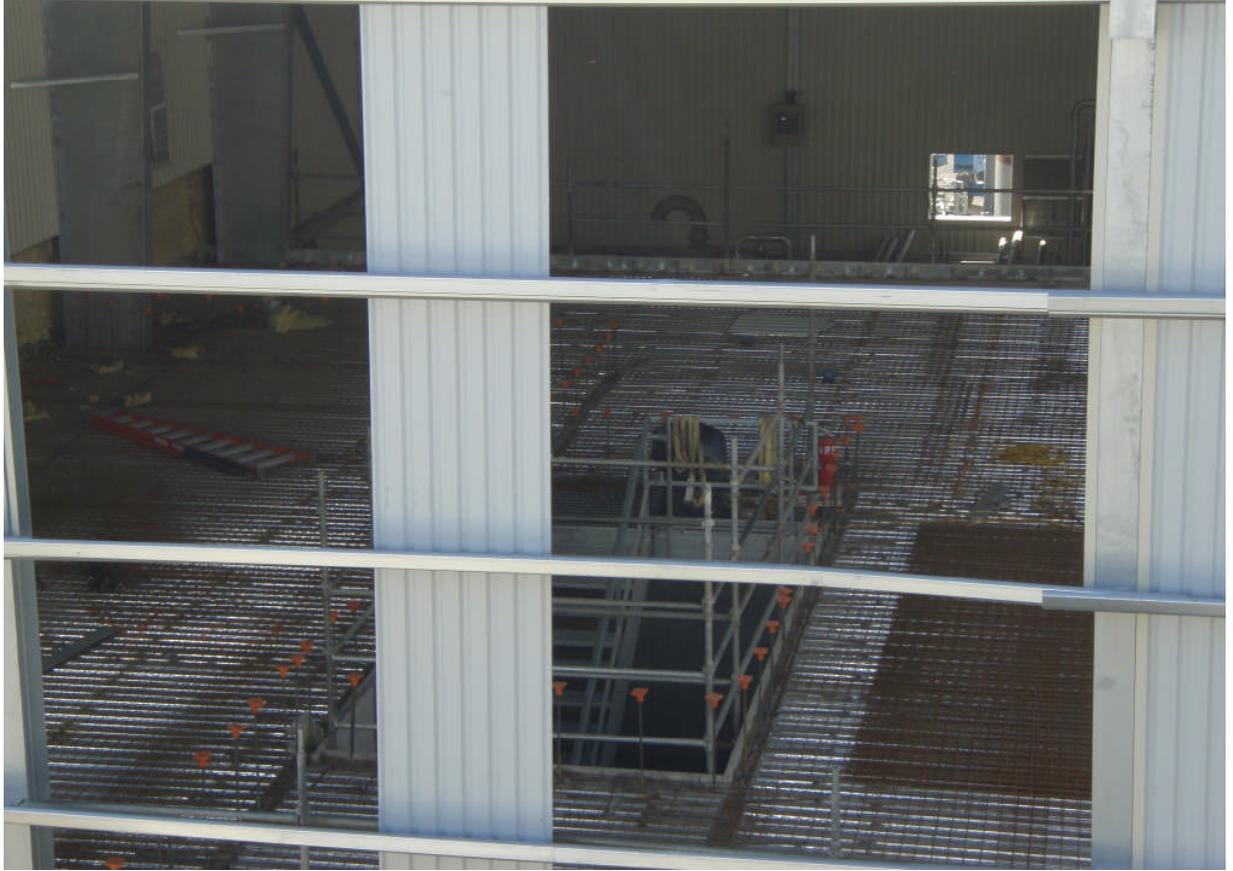
CTWR – Looking east



CTWR and WTB – Looking southwest



Water Treatment Area – Looking south



WTB Mezzanine floor ready for pour

Exhibit 4

CBO Approvals

Hays, Nancy (Sacramento)

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

Sent: Monday, October 03, 2011 9:10 AM

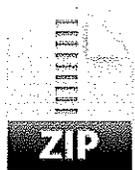
To: Hays, Nancy (Sacramento)

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 68.38 (REV 1) (111003).zip

APPROVED: Pipe Supports - Steam Turbine Drain System (Lisege)

[Download this file](#) 1.6 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

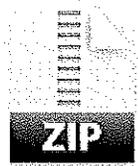
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, October 03, 2011 9:44 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 68.37 (REV 1) (111003).zip

APPROVED: Pipe Supports - Hot Reheat Steam System (Lisega)

[Download this file](#) 4.2 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, October 03, 2011 2:43 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:



STRUCT-01A 50.0 (REV 1) (111003).zip

APPROVED: Misc. Door Pads

[Download this file](#) 226.8 KB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

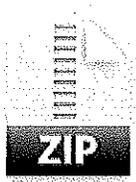
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, October 10, 2011 9:34 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 68.39 (REV 1) (111010).zip

APPROVED: Pipe Supports Steam Turbine Drain System (Liseega)

[Download this file](#) 15.9 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

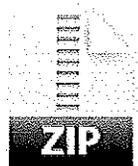
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, October 10, 2011 10:09 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 68.46 (REV 0) (111010).zip

APPROVED: Pipe Supports - High Pressure Steam System (Lisega)

[Download this file](#) 2.6 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

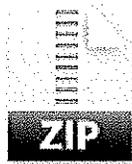
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, October 10, 2011 10:26 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 68.45 (REV 0) (111010).zip

APPROVED: Pipe Supports - Boiler Feedwater System (Lisege)

[Download this file](#) 495.3 KB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

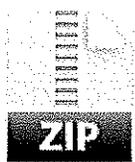
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Wednesday, October 12, 2011 4:56 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 62.0 (REV 1) (111012).zip

REVIEWED FOR REFERENCE: Misc. Cable Tray Support Dwgs

[Download this file](#) 324.1 KB

Category: -Plan Review REFERENCE ONLY

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

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

Sent: Thursday, October 13, 2011 11:03 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 60.2 (REV 2) (111013).zip

APPROVED: Service Water Storage Tank (Pacific Tank)

[Download this file](#) 4.4 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

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

Sent: Thursday, October 13, 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:



STRUCT-01A 60.0 (REV 3) (111013).zip

APPROVED: Waste Water Injection Storage Tank (Pacific Tank)

[Download this file](#) 3.8 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Tuesday, October 18, 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 68.40 (REV 1) (111018).zip

APPROVED: Pipe Supports - Hot Reheat Steam (Lisegea)

[Download this file](#) 178.7 KB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

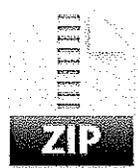
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Tuesday, October 18, 2011 11:41 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 68.41 (REV 1) (111018).zip
APPROVED: Pipe Supports - Aux Steam System (Lisega)
[Download this file](#) 180.9 KB
Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Tuesday, October 18, 2011 11:51 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 68.42 (REV 1) (111018).zip

APPROVED: Pipe Supports - Steam Drain System (Lisega)

[Download this file](#) 178.5 KB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Tuesday, October 18, 2011 11:54 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 68.49 (REV 0) (111018).zip
APPROVED: Pipe Supports - HP and Aux Steam (Lisega)
[Download this file](#) 543.7 KB
Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Tuesday, October 18, 2011 11:56 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 68.31 (REV 1) (111018).zip

APPROVED: Pipe Support Revised Boiler Blowdown (Lisega)

[Download this file](#) 220.9 KB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Tuesday, October 18, 2011 12:00 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 68.48 (REV 0) (111018).zip

APPROVED: Pipe Supports Steam Turbine Drain & Aux Boiler Systems (Lisegea)

[Download this file](#) 920.4 KB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

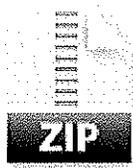
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecampHQ.com]
Sent: Monday, October 24, 2011 11:04 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 68.44 (REV 1) (111024).zip

APPROVED: Pipe Supports - Aux Steam System (Lisega)

[Download this file](#) 11.6 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

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

Sent: Monday, October 24, 2011 11:20 AM

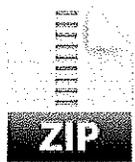
To: Hays, Nancy (Sacramento)

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 68.33 (REV 1) (111024).zip

APPROVED: Lisega Pipe Supports - Boiler Blowdown

[Download this file](#) 340.9 KB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

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

Sent: Monday, October 24, 2011 11:31 AM

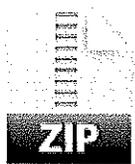
To: Hays, Nancy (Sacramento)

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

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 59.0 (REV 3) (111024).zip

APPROVED: Cable Tray Supports - Seismic Calc and Layout Drawings

[Download this file](#) 1.2 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

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

Sent: Monday, October 24, 2011 4:27 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 68.47 (REV 1) (111024).zip

APPROVED: Pipe Supports Aux Steam System (Lisega)

[Download this file](#) 8.5 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Abigail Obligation [notifications@trbplus.basecamphq.com]

Sent: Tuesday, October 25, 2011 10:39 AM

To: Hays, Nancy (Sacramento)

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

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Abigail Obligation uploaded a new file:



CIVIL-01A 0.0 (REV 7) (111025).zip

APPROVED: Grading and Drainage Plans

[Download this file](#) 2.8 MB

Category: -Plan Review APPROVALS

[View all files for this project](#)

This message was sent to Abigail Obligation, Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Lowell Brown, Marc Pelletier, Michael DeBortoli, Nancy Hays, Susan Christopherson, and Todd Bailey.

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Thursday, October 27, 2011 9:52 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 41.4 (REV 0) (111027).zip

REVIEWED FOR REFERENCE: WTB Metal Panel Product Data

[Download this file](#) 648.8 KB

Category: -Plan Review REFERENCE ONLY

[View all files for this project](#)

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

[Prefer plain text emails?](#)

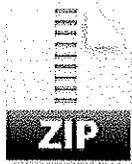
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Abigail Obligacion [notifications@trbplus.basecamp.com]
Sent: Tuesday, October 04, 2011 8:03 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

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

Abigail Obligacion uploaded a new file:



STRUCT-01A 60.0 (REV 2) (111004).zip

COMMENTS: Waste Water Injection Storage Tank (Pacific Tank)

[Download this file](#) 29.7 KB

Category: -Plan Review COMMENTS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Abigail Obligacion [notifications@trbplus.basecamphq.com]

Sent: Tuesday, October 04, 2011 8:03 PM

To: Hays, Nancy (Sacramento)

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

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Abigail Obligacion uploaded a new file:



STRUCT-01A 60.2 (REV 1) (111004).zip

COMMENTS: Service Water Storage Tank (Pacific Tank)

[Download this file](#) 27.7 KB

Category: -Plan Review COMMENTS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

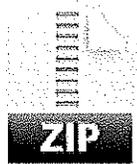
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamp.com]
Sent: Thursday, October 06, 2011 8:35 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 60.1 (REV 1) (111006).zip
COMMENTS: Demin Water Storage Tank (Pacific Tank)
[Download this file](#) 109.4 KB
Category: -Plan Review COMMENTS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

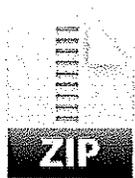
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Thursday, October 06, 2011 8:41 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:



CIVIL-01A 0.0 (REV 6) (111006).zip

COMMENTS: Drainage and Grading Plans

[Download this file](#) 77.2 KB

Category: -Plan Review COMMENTS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

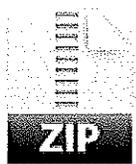
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Thursday, October 06, 2011 10:42 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:



STRUCT-01A 62.0 (REV 0) (111006).zip

COMMENTS: Misc. Cable Tray Support Drawings

[Download this file](#) 97.8 KB

Category: -Plan Review COMMENTS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamp.com]
Sent: Monday, October 10, 2011 9:56 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 68.47 (REV 0) (111010).zip

COMMENTS: Pipe Supports - Aux Steam System (Lisega)

[Download this file](#) 94.9 KB

Category: -Plan Review COMMENTS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

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

Sent: Wednesday, October 19, 2011 4:48 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 56.2 (REV 1) (111019).zip

COMMENTS: SPX Cooling Tower Fire Wall Test Report

[Download this file](#) 87.9 KB

Category: -Plan Review COMMENTS

[View all files for this project](#)

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

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Abigail Obligation [notifications@trbplus.basecamphq.com]

Sent: Tuesday, October 25, 2011 4:56 PM

To: Hays, Nancy (Sacramento)

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

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Abigail Obligation uploaded a new file:



STRUCT-01A 41.0 (REV 4) (111025).zip

COMMENTS: Water Treatment Building - Agate Steel

[Download this file](#) 155.2 KB

Category: -Plan Review COMMENTS

[View all files for this project](#)

This message was sent to Abigail Obligation, Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Lowell Brown, Marc Pelletier, Michael DeBortoli, Nancy Hays, and Susan Christopherson.

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Abigail Obligacion [notifications@trbplus.basecampHQ.com]

Sent: Thursday, October 27, 2011 11:04 AM

To: Hays, Nancy (Sacramento)

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

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Abigail Obligacion uploaded a new file:



ELEC-01 36.0 (REV 1) (111027).zip

COMMENTS: WTB and ST Enclosure House Electrical Drawings

[Download this file](#) 57.3 KB

Category: -Plan Review COMMENTS

[View all files for this project](#)

This message was sent to Abigail Obligacion, Adelia Bartelme, Ed Warner, Jeremy Lawson, Joe Bittner, Lowell Brown, Marc Pelletier, Michael DeBortoli, Nancy Hays, and Susan Christopherson.

[Prefer plain text emails?](#)

Delivered by
[Basecamp](#)

Exhibit 5

Look Ahead Schedules

Description	Week Date Day	September							October							October							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		17	18	19	20	21	22	23
		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
Excavate, Form, Rebar, Pour Chem. Feed & Cooling area Foundation South Side																												Chemical area Foundation to start		
Dress out Lime Silos																														
Excavate, Form, Rebar, Pour Raw Water Treatment (Clarifier) Foundation																														
Install Clarifiers/Reactors																														
Continue Electrical Equipment, Cable tray, Conduit																														
Erect Building, Mezzanine Deck, Fire Protection (Agate)																														
Cooling Tower Area																														
Install Circ Water Pipe at Cooling Tower/ install Valves																												Waiting on 54" Valve delivery		
Granite Continue Backfill and Grading																												Around fence line and fire wall		
CTG Area																														
Erect CT Enclosure																												Roof being left open for pipe, instrumentation, electrical installation		
Install Misc.Piping/Supports																														
CTG Misc.Electrical/ Conduit, Pull Cable																														
Install Air Intake Steel/Filter House/Piping, Electrical																												Install Filter Media at Later Date		
North Area																														
Install ISO Phase, Weld splices																												Waiting on Welder to start 9/19		

Description	Week Date Day	October																												COMMENTS
		LAST WEEK							FIRST WEEK							SECOND WEEK							THIRD WEEK							
		3	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	
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																														
Excavate and install Street lighting foundations, Conduit, Grounding																													Cable pulls.	
Switchyard Construction																														
Set 230 KV Pole and pull cable																														
STG Area																														
Assemble Condensor																														
Blind Condensor for Hydro (Shell Side)																														
Hydro Condensor																														
Fab and Install Lube Oil, Leak Off and Cooling Water Pipe																														
STG Building A/G Electrical, Lighting																													Pad and pier complete, rebar and forming walls.	
Form, Rebar, Pour STG GSU Foundation/Walls, Strip																													Bolting, handrail, grating, moment welds	
Install Interior Rack, Support Steel/Platforms																														
Install STG Misc. Pipe Rack Foundations/Heat Exchangers/Pump Skids																														
Install equipment/ Housekeeping pads inside building																														
Install STG Pipe Rack Steel/Grating, Handrail																														
Rough Set Equipment Inside ST Building																														
Dresser Rand continue ST, STG																													Demob until final alignment	
Erect STG Building/Open Penetrations, Install Fire Protection, Roof, Walkways (Agate)																													Summit install Fire Protection, install ladders & walkways Final trim out, install roof panels after equipment set	
Fab and install Misc.Supplied Interconnecting Pipe																														
Granite Continue Backfill, and Grading																														
HRSG Area																														
Install BOP Pipe & Supports North/South Pipe Rack																													Continue pending receipt of customer supplied pipe	
HRSG Hydro																														
Restore Systems/Punch HRSG																														
Install Cable Tray, Lighting/Pull Cable																														
East Area																														
Trench, install Conduit DB 631 for Security Gate SE corner.																													After HRSG Hydro	
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																													Continue Terminations	
Receive Aux. Boiler Steel, Shake out, Preassemble, Install																													Pipe to start @ later date	
Install Aux. Boiler Interconnecting Pipe & Supports																														
Water Treatment Building																														
Install LB, SB Pipe																														

Description	Week Date Day	October																												COMMENTS
		LAST WEEK							FIRST WEEK							SECOND WEEK							THIRD WEEK							
		3	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	
		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	
																													Continue after Building and Mezzanine deck erection	
Rough Set Equipment																														
Form, Rebar, Pour Chem. Feed & Cooling area Wall and Equipment Pads																														
Dress out Lime Silos																														
Install Clarifiers/Reactors																														
Continue Electrical Equipment, Cable tray, Conduit/ Cable Pulls																														
Erect Building, Mezzanine Deck, Fire Protection (Agate)																														
Cooling Tower Area																														
Install Circ Water Pipe at Cooling Tower/ install Valves																														
Granite Continue Backfill and Grading																														
CTG Area																														
Erect CT Enclosure/ Electrical, Lighting																													Intall Doors and seals, prep for testing	
Install Misc.Piping/Supports																														
CTG Misc.Electrical/ Conduit, Pull Cable																														
Install Air Intake Steel/Filter House/Piping, Electrical																													Kill bolts inside, install Evap. Nozzles	
North Area																														
Install ISO Phase, Weld splices																														

Description	Week Date Day	October														November						COMMENTS						
		LAST WEEK						FIRST WEEK						SECOND WEEK			THIRD WEEK											
		10	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
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																												
Excavate and install Street lighting foundations, Conduit, Grounding																												
Switchyard Construction																												
Set 230 KV Pole and pull cable																												
STG Area																												
Assemble Condensor																												
Blind Condensor for Hydro (Shell Side)																												
Hydro Condensor																												
Fab and Install Lube Oil, Leak Off and Cooling Water Pipe																												
STG Building A/G Electrical, Lighting																												
Form, Rebar, Pour STG GSU Foundation/Walls, Strip																												
Install Interior Rack, Support Steel/Platforms																												
Install STG Misc. Pipe Rack Foundations/Heat Exchangers/Pump Skids																												
Install equipment/ Housekeeping pads inside building																												
Install STG Pipe Rack Steel/Grating, Handrail																												
Rough Set Equipment Inside ST Building																												
Dresser Rand continue ST, STG																												
Erect STG Building/Open Penetrations, Install Fire Protection, Roof, Walkways (Agate)																												
Fab and install Misc. Supplied Interconnecting Pipe																												
Granite Continue Backfill, and Grading																												
HRSG Area																												
Install BOP Pipe & Supports North/South Pipe Rack																												
HRSG Hydro																												
Restore Systems/Punch HRSG																												
Install Cable Tray, Lighting/Pull Cable																												
East Area																												
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																												
Install Aux. Boiler Interconnecting Pipe & Supports																												
Water Treatment Building																												
Install LB, SB Pipe																												
Rough Set Equipment																												
Form, Rebar, Pour Chem. Feed & Cooling area Wall and Equipment Pads																												

Description	Week Date Day	October														November						COMMENTS							
		LAST WEEK						FIRST WEEK						SECOND WEEK			THIRD WEEK												
		10 M	11 T	12 W	13 T	14 F	15 S	16 S	17 M	18 T	19 W	20 T	21 F	22 S	23 S	24 M	25 T	26 W	27 T	28 F	29 S		30 S	31 M	1 T	2 W	3 T	4 F	5 S
Dress out Lime Silos																													
Install Clarifiers/Reactors																													
Continue Electrical Equipment, Cable tray, Conduit/ Cable Pulls																													
Erect Building, Mezzanine Deck, Fire Protection (Agate)																													
Cooling Tower Area																													
Install Circ Water Pipe at Cooling Tower/ install Valves																													
Granite Continue Backfill and Grading																													
CTG Area																													
Erect CT Enclosure/ Electrical, Lighting																													
Install Misc.Piping/Supports																													
CTG Misc.Electrical/ Conduit, Pull Cable																													
Install Air Intake Steel/Filter House/Piping, Electrical																													
North Area																													
Install ISO Phase, Weld splices																													

Description	Week Date Day	October							October							November							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		17	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
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 AVG Pipe Field and Shop Fabrication																														
Excavate and install Street lighting foundations, Conduit, Grounding																														
Switchyard Construction																														
Set 230 KV Pole and pull cable																														
STG Area																														
Assemble Condensor																														
Blind Condensor for Hydro (Shell Side)																														
Hydro Condensor																														
Fab and Install Lube Oil, Leak Off and Cooling Water Pipe																														
STG Building AVG Electrical, Lighting																														
Form, Rebar, Pour STG GSU Foundation/Walls, Strip																														
Install Interior Rack, Support Steel/Platforms, Handrail																														
Install Iso Phase Steel/Bus, Inside & Outside																														
Install equipment/ Housekeeping pads inside building																														
Install STG Pipe Rack Steel/Grating, Handrail																														
Install BOP Pipe & Supports East/West, North/South Pipe rack																														
Rough Set Equipment Inside ST Building																														
Dresser Rand continue ST, STG																														
Erect STG Building/Open Penetrations, Install Fire Protection, Roof, Walkways (Agate)																														
Fab and install Misc.Supplied Interconnecting Pipe																														
Granite Continue Backfill, and Grading																														
HRSG Area																														
Install BOP Pipe & Supports North/South Pipe Rack																														
HRSG Hydro																														
Restore Systems/Punch HRSG																														
Install Cable Tray, Lighting/Pull Cable																														
Build Scaffold/ Paint & Insulate Stack & Breeching																														
Install CEMS Cable, Tray/Supports																														
East Area																														
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, Form, Rebar, Pour Sample Panal Pad																														
Install Aux. Boiler Interconnecting Pipe & Supports																														

Description	Week Date Day	October							October							November							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		17	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
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																														
Install LB, SB Pipe																														
Rough Set Equipment																												Continue after Building and Mezzanine deck erection		
Form, Rebar, Pour Chem. Feed & Cooling area Wall and Equipment Pads																														
Dress out Lime Silos																														
Excavate, Form, Rebar, Pour Solids Holding Tank Pad/Filter Press Pump Pad																														
Install Clarifiers/Reactors																														
Continue Electrical Equipment, Cable tray, Conduit/ Cable Pulls																														
Erect Building, Mezzanine Deck, Block walls, Fire Protection (Agate)																														
Cooling Tower Area																														
Install Circ Water Pipe at Cooling Tower																														
Granite Continue Backfill and Grading																														
CTG Area																														
Erect CT Enclosure/ Electrical, Lighting																												Intall Doors and seals, prep for testing		
Install Misc.Piping/Supports																														
CTG Misc.Electrical/ Conduit, Pull Cable																														
Install Air Intake Steel/Filter House/Piping, Electrical																												Kill bolts inside, install Evap. Nozzles		
North Area																														
Install ISO Phase, Weld splices																														

Description	Week Date Day	October							October							November							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		24	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
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																														
Excavate and install Street lighting foundations, Conduit, Grounding																														
STG Area																														
Assemble Condensor																														
Blind Condensor for Hydro (Shell Side)																														
Hydro Condensor																														
Fab and Install Lube Oil, Leak Off and Cooling Water Pipe																														
STG Building A/G Electrical, Lighting																														
Form, Rebar, Pour STG GSU Foundation/Walls, Strip																														
Install Interior Rack, Support Steel/Platforms, Handrail																														
Install Iso Phase Steel/Bus, Inside & Outside																														
Newtron Dress out STGSU																														
Install STG Pipe Rack Steel/Grating, Handrail																														
Install BOP Pipe & Supports East/West, North/South Pipe rack																														
Dresser Rand continue ST, STG																														
Erect STG Building/Open Penetrations, Install Fire Protection, Roof, Walkways (Agate)																														
Fab and install Misc.Supplied Interconnecting Pipe																														
HRSG Area																														
Install BOP Pipe & Supports North/South Pipe Rack																														
HRSG Hydro																														
Restore Systems/Punch HRSG																														
Install Lighting/Pull Cable																														
Build Scaffold/ Paint & Insulate Stack & Breeching																														
Install CEMS Cable, Tray/Supports																														
East Area																														
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, Form, Rebar, Pour Sample Panal Pad																														
Install Aux. Boiler Interconnecting Pipe & Supports																														
Water Treatment Building																														
Install SB Pipe																														
Rough Set Equipment																														
Form, Rebar, Pour Chem. Feed & Cooling area Wall and Equipment Pads																														

Description	Week Date Day	October														November							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		24	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
		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
Dress out Lime Silos																														
Excavate, Form, Rebar, Pour Solids Holding Tank Pad/Filter Press Pump Pad																													Mud mat poured	
Install Clarifiers/Reactors																														
Continue Electrical Equipment, Cable tray, Conduit/ Cable Pulls																														
Erect Building, Mezzanine Deck, Block walls, Fire Protection (Agate)																														
Prep and Pour Mez. Deck Concrete																														
Cooling Tower Area																														
CTG Area																														
Erect CT Enclosure/ Electrical, Lighting																													Intall Doors and seals, prep for testing	
Install Misc.Piping/Supports																														
CTG Misc.Electrical/ Conduit, Pull Cable																														
Install Air Intake Steel/Filter House/Piping, Electrical																													Kill bolts inside, install Evap. Nozzles	
North Area																														
Install ISO Phase, Weld splices																														

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
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
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
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
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

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
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
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	10/15/11	ARB			Existing vendor for STIG delivers ammonia
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 Cord 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	10/15/11	ARB			Existing vendor for STIG delivers ammonia
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	10/15/11	NCPA		11/16/11 2011-022	Pending CEC approval
WORKER SAFETY-02	COMM	Prepare and submit an O&M Safety & Health Plan containing: an IIPP, EAP, HMMP, FPP, and PPE.	The Operations IIPP, EAP, PPE shall be submitted to the CEC CPM for review and comment; the EAP and FPP shall also be submitted to the Woodbridge Fire Protection District for review and comment. Provide a copy of a letter to the CPM from the Woodbridge Fire Protection District stating the fire department's comments on the Operations Fire Prevention Plan and Emergency Action Plan.	At least 30 days prior to first fire or commissioning	10/15/11	NCPA		10/20/11 2011-020	Pending CEC approval
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.	10/30/11	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.	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.	11/1/11	NCPA		9/14/11 2011-018	Approved by CEC on 11/14/11
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	11/1/11	NCPA	11/20/11	2011-023	Pending CPM Approval
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	11/16/11	NCPA		9/14/11 2011-018	Approved by CEC on 11/14/11

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
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	12/31/11	NCPA			
SOIL & WATER-07c	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	1/15/12	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	1/30/12	NCPA			
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 CEMS 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	2/1/12	ARB		9/14/11 2011-017	Pending CEC Approval
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	2/1/12	NCPA			
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	3/2/12	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	3/2/12	ARB			

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-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	3/2/12	NCPA			
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	3/25/12	NCPA			
AQ-072	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	4/1/12	NCPA			
AQ-075	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	4/1/12	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	4/1/12	Sierra Research			
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	4/1/12	ARB			
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			
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	4/16/12	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)	4/16/12	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	4/21/12	NCPA			

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-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	5/2/12	Sierra Research			
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			
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-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			
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-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			
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	5/17/12	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	5/17/12	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	5/17/12	Sierra Research			
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	5/17/12	NCPA			
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	5/17/12	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	5/17/12	Sierra Research			

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-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	5/20/12	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	5/20/12	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	5/20/12	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	5/20/12	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	5/20/12	Sierra Research			
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	5/31/12	Rick Crowe			
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	5/31/12	Rick Crowe			
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	5/31/12	Rick Crowe			
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-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	6/15/12	Sierra Research			
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.	Prior to first fire	6/30/12	Sierra Research	5/6/09		
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.	Prior to first fire	6/30/12	Sierra Research	5/6/09		
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	6/30/12	WP			
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	7/1/12	ARB			

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
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	7/1/12	ARB			
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			
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	Ongoing		
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	7/30/12	NCPA			
AQ-012	COMM	During the commissioning period, emission rates from the gas turbine system shall not exceed any of the following limits: NOx (as NO2) - 400.00 lb/hr and 4,000 lb/day; VOC (as CH4) - 16.00 lb/hr and 192.0 lb/day; CO - 2,000 lb/hr and 20,000 lb/day; PM10 - 9.00 lb/hr and 108.0 lb/day; or SOx (as SO2) - 6.10 lb/hr and 73.1 lb/day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the QOR (QOR) required by AQ-SC8.	30 days after end of quarter	7/30/12	NCPA			
AQ-014	COMM	Total mass emissions of NOx, VOC, CO, PM10 and SOx that are emitted during the commissioning period shall accrue towards the quarterly emission limits.	A summary of significant operation and maintenance events and monitoring records required shall be included in the QOR as required by AQSC-08.	30 days after end of quarter	7/30/12	NCPA			
AQ-015	COMM	During commissioning period, the owner or operator shall keep records of the natural gas fuel combusted in the gas turbine system on hourly and daily basis.	A summary of significant operation and maintenance events and monitoring records required shall be included in the QOR as required by AQSC-08.	30 days after end of quarter	7/30/12	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	7/30/12	ARB			

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
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	7/30/12	WP			
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	7/31/12	Sierra Research			
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	7/31/12	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	7/31/12	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	7/31/12	Sierra Research			
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			
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	9/28/12	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	9/28/12	NCPA			
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	9/28/12	WP			
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	9/28/12	CH2			

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
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	9/28/12	NCPA			
AQ-048	COMM	The sulfur content of each fuel source shall be: (i) documented in a valid purchase contract, a supplier certification, a tariff sheet or transportation contract, or (ii) monitored within 60 days after the end of commissioning period and weekly thereafter. If the sulfur content is less than or equal to 1.0 gr/100 dscf for eight consecutive weeks, then the monitoring frequency shall be every six months. If the result of any six month monitoring demonstrates that the fuel does not meet the fuel sulfur content limit, weekly monitoring shall resume until compliance is demonstrated for eight consecutive weeks.	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the QOR.	30 days after end of quarter	10/1/12	NCPA			
AQ-116	COMM	Compliance with PM10 emission limit shall be determined by blowdown water sample analysis by independent laboratory within 60 days after the end of commissioning period of the gas turbine system and at least once quarterly thereafter.	Use the results of water recirculation rate and total dissolved solids concentration analysis data to determine emissions (lb/day and grains/dscf) and the results shall be included in the quarterly operation report (AQ-SC8).	30 days after end of quarter	10/1/12	NCPA			
AQ-126	COMM	The total mass emissions of NOx, VOC, CO, PM10 and SOx that are emitted during the commissioning period shall accrue towards the quarterly emission limits.	A summary of significant operation and maintenance events and monitoring records required shall be included in the QOR.	30 days after end of quarter	10/1/12	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	10/28/12	NCPA			
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-018	COMM	Maintain records of the date, start-up time, downtime for gas turbine and the steam turbine prior to startup, startup type, minute-by-minute turbine load (MW), and NOx and CO concentrations (ppmvd @ 15% O2) measurement using CEMS, for each startup event in the first 12 months of operation following the end of the commissioning period.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	As required	As required	NCPA			
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-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			

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-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-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-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-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			
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		

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-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		
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(e)) 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-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-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			

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-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 superceded 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-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			
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-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-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			

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-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-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-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	11/1/11	2011-021 (reflects gas line amendment)	Pending CEC approval
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		
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	Ongoing during construction		
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	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
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	Ongoing during construction		
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-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-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		
CUL-06c	CONS	Notify CEC prior to changing or eliminatating 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 geoarchaeological 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			

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
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-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			
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 calcs	As required	WP			
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			
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	Ongoing during construction		
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			All deep excavations are complete
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			
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		

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
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
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	Ongoing during construction		
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
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(e).	No verification necessary.	None	Complete	NCPA			
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-071	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
AQ-073	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

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-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-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-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			
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			
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
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 hazmat to the facility	Complete	NCPA		2010-067 12/8/10	Approved by CEC 12/2/10
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
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

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
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-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 theCEC 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-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
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	
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-SC03	CONS	The AQCM 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 AQCM to verify compliance with this condition.	Monthly	Include in MCR	WP	Ongoing during construction		
AQ-SC04	CONS	The AQCM 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 AQCM shall implement Steps 1-3 in the Condition in the event such visible dust plumes are observed.	AQCM 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 AQCM to verify compliance with this condition.	Monthly	Include in MCR	ARB	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
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		
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-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-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-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		
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-09c	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-10c	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-11c	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-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		
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		
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		

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
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		
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-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-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-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			
MECH-01b	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-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-03b	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		
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		
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		

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
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-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		
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-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		
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		
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-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-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

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
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 to construction of the transmission facilities	Included in MCR	NCPA			These docs were provided to the CEC during permitting
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 to construction of the transmission facilities	Included in MCR	NCPA			These docs were provided to the CEC during permitting
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 to construction of the transmission facilities	Included in MCR	NCPA			Completed during permitting
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 to construction of the transmission facilities	Included in MCR	WP			No changes
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-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-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-074	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-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			

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-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-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			
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		
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
MECH-01a	CONS	MAJOR PIPING & PLUMBING SYSTEMS: Submit for CBO design review and approval the proposed final design, specifications and calcs 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 calcs, 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-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 calcs, 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-03a	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 calcs, 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			
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

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
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		
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	Ongoing during construction		
VIS-02	CONS	Landscape screening deleted.		None					

Exhibit 7

AQCMM Monthly Report



NCPA LODI ENERGY CENTER

Lodi California

October 2011 AQCM / SWPPP Monthly Report

General Progress:

The Month of October was warm with temperatures in the high 70's to high 80's most of the time. There was one rain event for the month. ARB's water truck was run full time for dust control on-site and in the lay down yards. There have not been any complaints from the neighbors or NCPA about dust events.

The electricians continued to work on the underground portions of the site lighting and grounding this month and are getting closer to being finished with their underground work. This has eliminated a major source for potential dust events occurring. Most of the remaining excavations being carried out in the future will be for foundations. Water hoses are used to control dust as this work is being done. Low areas are being back filled in anticipation of the up coming winter weather.

House keeping continues to be a major task as more equipment is being uncrated and set. The laborers are doing an excellent job of making sure that everything is kept picked-up in addition to their concrete pouring duties. The pipefitters are working on the installation of equipment and pipe. Boilermakers have been working on the field fabrication of various tanks.

In addition to their underground work the electricians have been busy with the pulling of wire and terminations at the equipment and electrical panels. They have also been busy in getting the 12KV yard ready for turnover to commissioning for check out prior to energizing.

All craft have been very careful to perform their tasks in a manner to prevent dust events from taking place.

SWPPP:

During the month of October, the site had experienced one rain events. For the month, there was a total of 0.51 inches of rain.

There were no samples taken as all BMPs were maintained and properly implemented. Site SWPPP personnel walked the site to make sure that all BMP were in proper maintenance prior to the start of the raining season.

Copies of any of the inspection reports are available upon request for review from Jaime Pena.

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 October 2011

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)
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 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
JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	yes	Tier 3
Caterpillar TL1055 Forklift	Caterpillar C4.4 ACERT,	yes				no	yes	NA	NA	Tier 3

Lodi Energy Center
Summary of Diesel Construction Equipment Mitigation Determinations

Month October 2011

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 TH255 Forklift	Caterpillar C4.4, 83.8 HP	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

Fuel usage for your project at the Lodi Energy Center

October 2011

On-road diesel 610 gallons

Off-road diesel 3440 gallons



... Excellent customer service drives our business!

Karen Lewallen
Isleton Plant Manager

karenl@ramosoil.com
www.ramosoil.com

Ramos Oil Company, Inc.
1st Street / Highway 160
Isleton CA 95641
Tel: (916) 777-5545
Fax: (916) 777-5859
Mobile: (916) 997-6823

Record Keeping Form

Month: Oct-2011

FORM A - Area Water Application

Project Location: Lodi Power Plant City: _____ Size: _____ (Miles/Acres)
 Owner: NCPA Address: _____ City: Lodi 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: Job site & Laydown yards.

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	10-2 0	10-3 1 2000	10-4 1 2000	10-5 1 0	10-6 1 0	10-7 1 2000	10-8 1 0
2	10-9 0	10-10 2 4000	10-11 2 0	10-12 2 2000	10-13 2 4000	10-14 2 4000	10-15 2 0
3	10-16 0	10-17 3 6,000	10-18 4 8,000	10-19 4 8,000	10-20 3 6,000	10-21 4 8,000	10-22 4 0
4	10-23 0	10-24 4 8,000	10-25 4 8,000	10-26 3 6,000	10-27 4 8,000	10-28 1 2,000	10-29 1 0
5	10-30 0	10-31 3 6,000					

Area treated: _____

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1							
2							
3							
4							
5							

Exhibit 8

Resource Specialists' Monthly Reports

Biological Resources
Mitigation Monitoring for the
Lodi Energy Center Project

MONTHLY COMPLIANCE REPORT (BIO-2)

October 2011

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Lodi Energy Center

MONTHLY COMPLIANCE REPORT

October 2011

TABLE OF CONTENTS

INTRODUCTION.....	3
MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS	3
SUMMARY OF ACTIVITIES.....	4
WORKER ENVIRONMENTAL AWARENESS TRAINING	4
GENERAL DAILY NOTES AND OBSERVATIONS	5

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, 2010, 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, 2010.

Initially, the construction of the LEC gas pipeline as permitted required a 35-foot construction right-of-way which would affect approximately 3.55 acres of agricultural land. The original 3.55 acres was mitigated along with other project impacts through the MSHCP by NCPA acquiring 21.25 acres which was placed in a conservation easement that the San Joaquin County Council of Governments (SJCOG) would oversee in perpetuity. After further project review the gas pipeline was redesigned by PG&E and an additional 5.37 acres of right-of-way was determined to be required. Therefore, on July 15, 2011 NCPA submitted a request to the MSHCP for an additional 5.37 acres of mitigation credits to cover impacts to agricultural land, the fee for this transaction was \$71,216.94. On October 8, 2011 the additional mitigation fee was paid to the MSHCP finalizing the mitigation requirement. As required for all project description changes or acreage impact changes the CEC was notified of the proposed change on July 19, 2011 when it was presented as a modification to the project description. On September 29, 2011 the CEC approved the project description modification and the new gas pipeline is scheduled to begin construction during the month of October, 2011.

Biological monitoring for the month of October included monitoring the 4.4-acre power generation facility, the 19.2 acre laydown areas and the natural gas pipeline.

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 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 October 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 October 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 October 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 October 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 October 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 October 2011.

SUMMARY OF ACTIVITIES

This report provides a summary of October 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

October LEC project site activities consisted of concrete pouring, underground piping installation, welding, and construction of the HRZG stack, as well as continuing construction on the plant's foundations and electrical pathways. Construction of the natural gas pipeline also began during the month of October and monitoring for the pipeline was performed on an as needed basis.

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-four (64) personnel received WEAP training in October for a total of 1206 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 October 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 October are documented below;

October 4th, the DB was on site to perform a compliance spot check, (Photos 1 and 2). 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.

October 13th, the DB was on site to perform pre-disturbance surveys for portions of the natural gas pipeline right-of-way, (Photos 3 through 6). During the pre-disturbance survey the DB observed a single burrowing owl (*Athene cunicularia*) adjacent to a ground squirrel burrow approximately 500-feet north of the gas line right-of-way, (Photo 6). No other burrowing owls or sensitive wildlife were observed during this survey. During this survey the LEC project was in compliance.

October 17th, the DB was on site to monitor the gas pipeline installation in Armstrong Road, (Photos 7 and 8). Additionally, the DB placed "No Project Access" and "Keep Out Sensitive Resource" signage to alert the pipeline crew of the burrowing owl and to mark the closure of an existing access road which will not be utilized by the pipeline crew, (Photo 9). The DB also gave an additional tail gate WEAP training to all of the PG&E pipeline crew concerning the need to stay at a minimum of a 160-foot from the occupied burrowing owl burrow. During this survey the LEC project was in compliance.

October 18th, the DB was on site to monitor the gas pipeline activities which consisted of; off loading gas pipe in farm field right-of-way (Photo 10), rock stabilization being applied to the gas pipeline laydown yard (Photo 12) and continued monitoring of the burrowing owl north of the right-of-way (Photo 11). Construction of the pipeline is currently within the street on Armstrong Road (Photo 13). Additionally, the DB met on the LEC site with CEC Compliance Project Manager Christine Stora. Ms. Stora's visit consisted of attending the WEAP and safety training presentations both of which are a requirement for all persons entering the project site unescorted. A short site visit was conducted after the training presentations which found the LEC project in compliance during this site visit.

October 19th, the DB was on site to monitor the gas pipeline activities which consisted of; off loaded pipe ends being covered to protect wildlife (Photo 14), culvert installation in farm field to keep pipeline crews within their right-of-way (Photo 15), graveling the entrance to the laydown yard to minimize track out (Photo 16), and continued work in Armstrong Road. During this site visit the LEC project was in compliance.

October 20th, the DB was on site to monitor the gas pipeline activities which consisted of continued work in Armstrong Road. During this site visit the LEC site was in compliance.

October 21st, the DB was on site to monitor the gas pipeline activities which consisted of continued work in Armstrong Road. The DB observed a large pit bull dog at the entrance to the laydown yard in the early morning. The dog had a collar but no tags displaying ownership. The dog was very friendly, obedient and malnourished. The DB bought some dog food for the dog and then took the animal to the Lodi SPCA for its safety and the safety of the workers on the pipeline project. During this site visit the LEC site was in compliance.

October 24th, the DB was on site to briefly monitor the gas pipeline activities which consisted of continued saw cutting the asphalt on Armstrong Road (Photo 17). During this site visit the LEC site was in compliance.

October 25th, the DB was on site to briefly monitor the gas pipeline activities which consisted of continued saw cutting the asphalt on Armstrong Road. During this site visit the LEC site was in compliance.

October 26th, the DB received a call from Worley Parsons Safety Manager Jay Selvey concerning the observation, capture and relocation of a common king snake (*Lampropeltis gettus*) which was observed near the cooling tower structure in the southern most portion of the LEC project site. Mr. Selvey photographed the snake and then safely released it off site. For more information on this occurrence see Photo 18 in Appendix B and Appendix C for the Wildlife Observation Form.

October 27th, the DB was on site to briefly monitor the gas pipeline activities which consisted of continued saw cutting the asphalt on Armstrong Road. While surveying the gas pipeline route the DB observed a flock of long billed curlews (*Numenius americanus*) foraging just south of the pipeline right-of-way, (Photo 19). During this site visit the LEC site was in compliance.

October 31st, the DB was on site to perform a compliance spot check of the LEC project site and gas pipeline installation. Pipeline activities consisted of saw cutting and trench excavation within the street on Armstrong Road, (Photo 20). While on site the DB received a call from ARB's Quality Control Manager Ken concerning his observation of a dead common king snake just west of the existing STIG facility within the existing roadway, (Photo 22). The DB picked up and disposed of the carcass and completed a Wildlife Observation Form which is within Appendix C. 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 (Photo 21) 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.
*Burrowing owl	<i>Athene cunicularia</i>	One individual observed 500-feet north of gas pipeline right-of-way, 10/13/11.
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, curlews observed foraging south of gas pipeline 2011
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

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
Eurasian collared-dove (<i>Exotic</i>)	<i>Columba livia</i>	Laydown areas and pipeline route. One individual observed dead within STIG plant, August 2010.
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>Psaltirparus 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

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
Nashville warbler	<i>Vermivora ruficapilla</i>	Canal setback
Yellow warbler	<i>Dendroica petichia</i>	East parking area and oaks
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 lincolni</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.

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
Botta's pocket gopher	<i>Thomomys bottae</i>	Dead individual observed near HRSG foundation, Nov. 2010.
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, of southern most portion of LEC site with a portion of the permanent fence installed, 10/4/11.



Photo 2 of eastern most portion of LEC project, 10/4/11.



Photo 3 of eastern most tie-in point just off of Armstrong Road for the new PG&E gas pipeline prior to disturbance, 10/13/11.



Photo 4 of transition area from farmers field to Armstrong Road prior to disturbance, 10/13/11.



Photo 5 of PG&E laydown area just off of Devries Road prior to disturbance, 10/13/11.



Photo 6 of burrowing owl observed +/- 500-feet north of the natural gas pipeline alignment, 10/13/11.



Photo 7 of natural gas pipeline route in street on Armstrong Road, 10/17/11.



Photo 8 of saw cutting asphalt street out along Armstrong Road, 10/17/11.



Photo 9, of "No Project Access" and "Keep Out Sensitive Resource" signage to keep pipeline crews within their right-of-way and protect the burrowing owl that is 500-feet north of this point, 10/17/11.



Photo 10 of natural gas pipeline being off loaded in right-of-way, 10/18/11.



Photo 11 of burrowing owl as observed 500-feet north of gas pipeline alignment, 10/18/11.



Photo 12 of PG&E laydown yard, 10/18/11.

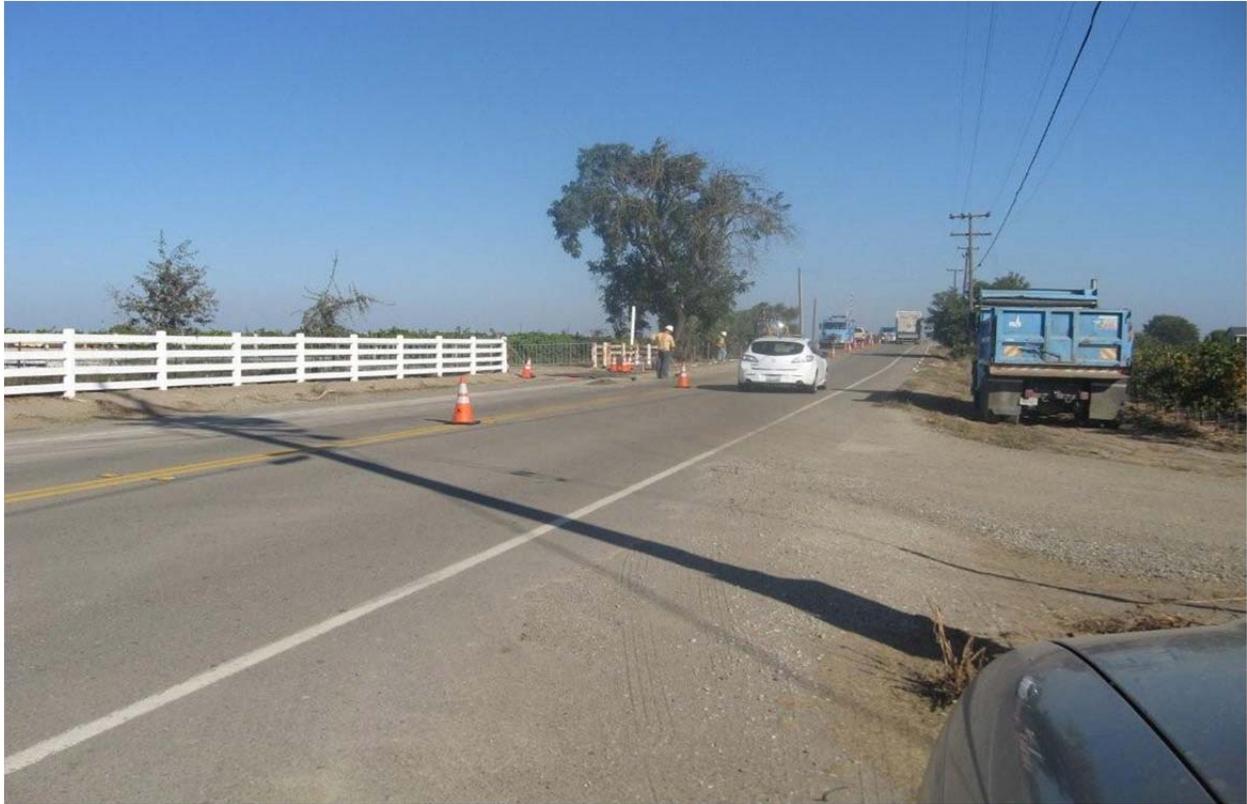


Photo 13 of saw cutting asphalt in Armstrong Road, 10/18/11.



Photo 14 of gas pipe with ends covered to discourage wildlife from taking up residence or becoming trapped in the pipe, 10/19/11.



Photo 15 of temporary culvert installation so pipeline crew can cross drainage ditch area without going outside of their approved right-of-way, 10/19/11.



Photo 16 of gravelled entrance to PG&E's temporary lay down area, 10/19/11.



Photo 17 of trench excavation in Armstrong Road, 10/24/11.



Photo 18 of common king snake captured on site and relocated off site, 10/26/11.



Photo 19 of long-billed curlews foraging in a recently cut alfalfa field just south of the gas pipeline right-of-way, 10/27/11.



Photo 20 of trench preparation along Armstrong Road, 10/31/11.



Photo 21 of cooling tower erection along southern most portion of LEC project site, 10/31/11.



Photo 22 of common king snake as observed in roadway just west of existing STIG control room, 10/31/11.

Appendix C
Wildlife Observation Forms

Figure G-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM	
To Record Animals Found In Lodi Energy Center 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:	Jay Selvey
Date:	10-26-11
Location of observation:	Near cooling tower
Wildlife Species:	King Snake
Condition of wildlife:	
alive <input checked="" type="checkbox"/>	dead <input type="checkbox"/>
Possible cause of injury or death:	N/A
Where is the animal currently?	Released safely off site
Is the resource in danger of project (or other) impacts?	No
Comments:	Jay contacted the designated biologist who asked Jay to capture it and re-locate it off-site.
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: Dan Williams Cell (916) 943-8247 Office (916) 286-0229	
Victor Leighton Cell (916) 425-7862 Office (916) 286-0415	
COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600	

Figure G-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM To Record Animals Found In Lodi Energy Center 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:	Ken / Quality Control Manager For ARB
Date:	10-31-11
Location of observation:	Just west of existing NCPA control room in employee parking lot.
Wildlife Species:	King Snake
Condition of wildlife:	alive <input type="checkbox"/> dead <input checked="" type="checkbox"/>
Possible cause of injury or death:	Ran over
Where is the animal currently?	Disposed of
Is the resource in danger of project (or other) impacts?	NO
Comments:	Ken reported this observation to the Designated Biologist who retrieved and disposed of the animal.
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: Dan Williams Cell (916) 943-8247 Office (916) 286-0229 Victor Leighton Cell (916) 425-7862 Office (916) 286-0415	
COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600	

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: October 2011

This report covers cultural resources monitoring activities at the Lodi Energy Center (LEC) project for the month of October 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 October, 2011

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

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

DATE: November 2, 2011

This report covers paleontological resources monitoring activities at the Lodi Energy Center (LEC) project for the month of October 2011, as required by Conditions of Certification PAL-5.

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

Excavations to depths that may have paleontological potential have largely been concluded as project build-out goes vertical. Because no paleontologically sensitive sediments were affected this last month, no paleontological resources monitoring was conducted.

Changes In the Future

Paleontological resources monitoring has been scaled back because no additional paleontologically sensitive sediment is being affected. The next step is to determine whether any additional deep excavations will occur in the future.

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 Safety Summary for October 2011

Prepared by WorleyParsons Construction Safety Supervisor: J.E.Selvey

New hires, Training, Hours, and Statistics:

Recordables:	0
New Restricted work cases:	0
Near Misses;	0
First Aids:	0
Vehicle Incidents:	1

230Kv switchyard training: **6 for October. Total: 90**

New hire orientations and WAEPs: **64 for October**

ARB average # workers:	279*	Other Contractors Avrg # workers :	24
ARB Hours worked for:	44,731*	Hours for October:	4,571
ARB YTD:	374,326*	Hours Job Start TD:	5,714
ARB Job Start TD:	451,649*		

* Asterisks indicate September numbers. Numbers for October not available

Findings:

Vehicles:

- Semi-truck front tire broke through hatch cover over cable trench from Control Building to Control Yard. Only slight damage to power cable to WorleyParsons trailer. Bollards to be installed for future protection of trench and cables



PPE Violations

- Hearing protection remains a problem in the WTB and STG enclosure
 - “Soft cap welding hoods” continue to be a problem with the excuse given that they are needed because of tight spaces. This is seldom true and is being addressed on an ongoing basis
 - Inevitable respiratory protection problems. A very few are not wearing respiratory protection when welding alloyed or galvanized metals. There is an IH coming out to do baseline tests of different welding mediums in different locations. Will publish results when they are in.
 - Dark glasses are a problem when inside the buildings. Workers have a tendency to look over the glasses to see and take away their protection.
-

Housekeeping

- Except for minor things, housekeeping is doing well. With the trenching and concrete slab construction winding down I see this as only getting better. Inside the enclosures and buildings housekeeping could be better.
 - Routing of cords, leads, and hoses continues to pose a problem, especially within the buildings. There is only limited space and cords often have to be routed through a doorway or access point. We continue to correct problems as they arise and reiterate proper cord routing at the Wednesday All Hands Meeting
 - Continually warn people of uneven ground in some places because of the CLSM (Controlled Low Strength Material) or Flowfill used to fill many trenches and excavations. These are slowly being mitigated as the site is brought up to grade but there are a few notable exceptions. No problems as yet.
-

Job Hazard Analyses

I audited several hundred JHAs including those of ARB, Cupertino, SPX and PRT. For the most part they were complete but I did see examples of JHAs done by computer without additional hazards or mitigations thereof added by field personnel. This was found to be one of the problems with the original incident of the MCC SWGR falling off the truck. I spoke with Safety personnel representing the companies regarding this and the omissions were addressed. Continuing audits later in the report time period showed a marked improvement



Site Observances and Events

- Earplugs are available in the WTB and STG enclosures. *It can be very loud at times.*
- Switch yard construction is drawing to a close. The only personnel entering the SY are those doing walk downs, inspections, punch list items, and commissioning. *Protocols for entering SY have not changed.*
- Construction of tanks complete except for blasting and coatings. Painters brought a blasting medium that contained 81.76% Crystalline Silica which puts the level 19% above the Cal/OSHA PEL for SiO₂. *After discussion, they are going to use a different medium for blasting*
- Questions arose about how to handle Sodium and Potassium Hydroxide used to change PH level in hydro test water for the HRSG. *Followed MSDS protocols*
- Had traffic bottleneck removed adjacent to exit doors of Newtron office trailer
- Snow fence put up on Mezzanine deck of WTB for protection of those working underneath. *Deck to be poured 11-1-11, 4:00 am*
- Nitrogen is to be used to “blow down” piping on HRSG after Hydro. *Dispersal fan to be set up at where N will exit. (outside)*
- There have been several flat tires on site. *ARB to drag large magnet behind cart on access roads on a regular basis.*
- NCPA showed concern about forklifts moving unsecured loads around site. *ARB addressed the problem requiring some loads be secured before moving.*
- Noticed a couple “bird caged” wire slings and had them removed from the site.
- Had a meeting with ARB about the Assured Grounding Program. *ARB brought everything up to date for the quarter*
- Touched on the need of spotters for equipment operating in congested conditions. Bobcat bumped into a wheel of an inactive JLG. *Situation has improved*
- Improperly used SRLs gathered and taken out of service. Ropes attached to hooks as they are handed out with instructions on usage. *Working. Have not seen cables left attached at access points. Ropes are being used as per manufacturers recommendations*
- People continuing to tie off to rigging. *Mac addressed the group and was quite adamant that this practice stop. Haven't seen any more incidents*
- There are several heavily travelled spots that have a change of elevation greater than 19 inches. (Concrete pads in particular) *Showed the spots to Mac who, with a combination of dirt ramps and scaffolds, eliminated the problem(s)*
- Coming up with a plan to maintain safe distances between equipment and the drop downs from the 230 kV cable to the lightning arrestors when they become energized for back feed. *If the vehicle is traveling past, 10 feet is needed, if working in proximity then the equation found in 1926.600(a)(6)(ii) applies.*
- Temporary transformer at the Newtron trailer needs to be protected from traffic. *A deadman was placed for protection*



Site Observances and Events, cont.:

- Scaffolds underneath pipe rack had flammable debris on them with welding overhead. *Had debris removed and stressed that welders are responsible for knowing where the sparks were going in relation to flammable debris.*
 - There were several pieces of equipment and tools needing removal from site because of wear and tear. *Done*
 - Missing handrail on platform inside STG enclosure needed hard barricade. *Scaffolders installed rails*
 - Cords and leads stretching across vehicle accesses needed protection against being run over. *Mac had cords protected with wood.*
-

Positive Observations:

- Instigated training for NCPA Operators and Commissioning personnel acquainting them with basic construction safety hazards. They will be mingling with new construction, tracking P&IDs and getting ready for commissioning often finding themselves in direct proximity to workers. Their hard hats will have large stickers reading “Operators” for increased visibility. We will also be addressing upcoming construction events at NCPAs Monday tailgate meeting warning of areas of increased activity that need to be avoided if possible. PIC who is doing the actual commissioning has bright colored vests for ID
 - New MCC SWGR came in and was set in WTB without mishap. I reviewed all paperwork associated with the moving/setting of the equipment and found everything to be in order.
 - Site looks good now that most trenches and slabs are finished. Won't be hard to maintain this level of housekeeping as the site progresses
 - Cal/OSHA has awarded the site with their Golden Gate Recognition Certification. Good job done by all.
-

Environmental/Emergency Response;

- Barrels in the SSA have been removed and the time period for site generated hazardous waste is starting again this week. SSA is clean and well organized.
- There were two King snakes found, captured and released this month. Report(s) and pictures when to Rick Crowe of CH2MHill
- Paso Robles Tank (PRT) confined space entries included in daily call to FD. Painters have taken over for the tank erectors of PRT and will continue going inside tanks to blast and paint



WorleyParsons

resources & energy

NCPA – Lodi Project
P.O. Box 639
Lodi, CA 95241-0639
Telephone: 916-230-7297
Facsimile: 916-983-1935
www.worleyparsons.com

Environmental/Emergency Response, cont.;

- Digging grounding trenches in the SE corner of the site uncovered dirt with a petroleum odor. Barricaded the area and hung “No Admittance” tags while samples from site were taken in for analysis. *Results came back negative for hazardous substances.*

Monthly CEC Project Workers Safety Report**Project:** Lodi Energy Center 08-AFC-10**Report Period:** October 2011**Prepared by Inspector of Record:** Taner Pamuk

1. Executive Summary of the Workers Safety Management

- ❖ Health and Safety Committee meetings continued to be held, as a minimum, once a week during this month. The meetings were chaired by the project management / design team (WP) on the behalf of the Project Owner (NCPA). The existing plant's (NCPA) Environmental & Safety supervisor also attended the meetings a couple of times. The contractor SPX (cooling tower contractor) and PRT (contractor for tanks) were not directly presented at the meetings.
- ❖ The safety department of contractor ARB continued 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 Project Owner (NCPA) and project management/design team (WP) safety personnel performed safety audits / inspections to ensure that the new contractors (SPX and PRT) were in compliance with OSHA requirements on a daily basis
- ❖ 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

2. Field Condition and Observations

The LEC Construction Project site was re-visited by Cal/OSHA consultancy representatives as part of the Golden Gate Recognition (voluntarily) Program. Golden Gate Recognition is for high-hazard companies that are maintaining effective safety and health management systems and it is site specific. The LEC Construction site was awarded by Cal/OSHA as a Golden Gate site.

One of the critical items of this month was related with the Hydro Testing in which the water pH levels needed to be regulated to protect the pipes. In order to regulate the pH levels a corrosive chemical (sodium and potassium hydroxide) was added into water used for testing. An issue arose regarding the use of proper PPE (chemical resistant apron) while handling this chemical as well as the availability of a shower station in close proximity in case of accident. The personnel who were handling this chemical utilized proper PPE as required (in products MSDS).

HEALTH & SAFETY MONITORING

Period 10/01/11-10/31/11

There was another health related concern regarding sand blasting operation of tanks. The personnel of contractor (PRT) utilized proper PPE (respiratory) although it was recognized that the other craft-man and work groups in the area were going to be affected by the created dust. To mitigate the health hazard, the contractor (PRT) was requested to replace the sand blasting material with a low hazardous one.

The communication level between all involved parts of the project was effective since there had been different contractors working at the same project site. The issues were handled professionally and recommended corrections of the safety personnel were implemented. Limited amount of land for storing and staging material was one of the challenges that the contractors faced during this month. Construction work activities were mainly focused in the areas around the Water Treatment Building, Steam Turbine Pipe Rack, and Cooling Tower. This created conflicted work zones, though it was managed fairly well. The traffic control and management was handled by contractor ARB with respect to other contractors.

3. Safety Inspections

- ❖ NCPA/WP safety manager performed daily site inspections and a follow-up was made by NCPA/WP safety manager to ensure and verify 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 safety walk-downs with work crews to improve and enforce worker safety

Pictorial summary of the site conditions

 A photograph showing several workers in safety gear (hard hats, orange vests) walking through an industrial site. In the background, there are large industrial tanks and structures under construction or maintenance.	 A photograph of a large green industrial tank with a yellow staircase leading to a platform. The area is cordoned off with red safety tape and orange traffic cones, indicating a restricted access zone.
<p>Photo #1 - Safety walk through inspection</p>	<p>Photo #2 - Part of Hydro test required regulating pH levels of test water</p>



Photo #3 - Congested and conflicted work areas



Photo #4 - Cooling Tower under construction by SPX separate contractor (for owner/NCPA)

4. Observed Unsafe Conditions and Corrective Actions Taken



Correction Required
Electrical cords were run over by equipment (man-lift)

Standard
29 CFR 1910.305(a)(2)(x)

Corrective Action Requested
Protect electrical cords receiving physical damages from equipments
Re-organize the cords and avoid re-occurrences
RESOLVED



Correction Required
Gas cans were stored outside a fire cabinet (exceeding more than 25 gallons)

Standard
8 CCR 1930 (a)(3)(B)

Corrective Action Requested
Do not store gas cans exceeding more than 25 gallons outside a fire cabinet
RESOLVED

	<p>Correction Required Observed a wire-sling with caging on the eye section *Wire sling was not in use, although it should be tagged Standard 8 CCR 5045 (e)(3)</p> <p>Corrective Action Requested Danger tag it & Remove the damaged sling from site</p> <p>RESOLVED</p>
	<p>Correction Required Access / egress issue: noted that site personnel was walking in a area where a ramp was needed Standard 8 CCR 1629 (a)(3)</p> <p>Corrective Action Requested Provide ramps and / or stairs in areas where there is a break occurs more than 18 inches</p> <p>RESOLVED</p> <p>*Several platforms were arranged in the area to provide safe walkways</p>
	<p>Correction Required Access / egress issue: Observed that employees were climbing on and off the perimeter walls of the cooling tower to get their work area Standard 8 CCR 1629 (a)(3)</p> <p>Corrective Action Requested Provide ladders to access the work area</p> <p>RESOLVED *Cooling Tower contractor SPX</p>

	<p>Correction Required Electrical panel next to road</p> <p>Standard 8 CCR 2340.26</p> <p>Corrective Action Requested Provide physical barrier to protect the panel from damages</p> <p>AGREED – Partially protected</p>
	<p>Correction Required Cords, leads and air-hose were run over by construction equipment</p> <p>Standard 29 CFR 1910.305(a)(2)(x)</p> <p>Corrective Action Requested Provide protection for the cords, welding leads and air-hoses when laid on roads</p> <p>RESOLVED</p>
	<p>Correction Required Observed Nylon Sling under tension with no padding to protect it from sharp edges</p> <p>Standard 8 CCR 5048 (c)(2)</p> <p>Corrective Action Requested Use padding around sharp edges to protect slings</p> <p>RESOLVED</p>

	<p>Correction Required Observed leading edge</p> <p>Standard 29 CFR 1926.501</p> <p>Corrective Action Requested Install hard barricading instead of caution taping the area</p> <p>RESOLVED</p>
	<p>Correction Required Risk of fall: Observed employee working inside an electric control panel on an elevated platform such a position that employee was on a higher ground than the height of guardrails</p> <p>Standard 8 CCR 1669 (a)</p> <p>Corrective Action Requested Re-evaluate the risk of fall exposure, and require fall protection in such circumstances</p> <p>RESOLVED</p>

Project Name :	Lodi Energy Center Project	Inspection Date :	10.04.2011
Contractor :	ARB	Reference No :	LEC-HSE-R58
Inspectors :	Taner Pamuk		
Observations (Attach photographs, if necessary)			
Priority	Description	Location	Close Out Date
Info	<ul style="list-style-type: none"> ❖ CBO safety representative performed safety walk-down inspection with NCPA/WP safety manager during the site visit of this week ❖ Attended weekly safety meeting, please see attached meeting minutes ❖ Attended contractor ARB's internal safety walkdown (Please, see Photo#1). Observed findings were corrected as discovered – Positive Point. Some of the findings that were made by attendees' are listed below: <ul style="list-style-type: none"> ○ Identified tripping hazards ○ Resolved access/egress issues to work areas ○ Noted JLG/Manlift being used without daily inspection filled out by the operator ❖ Lower-tier subcontractor Newtron's safety personnel visited the LEC project and attended to the safety walkdown. Newtron's safety personnel will be onsite at least 2 days a week 		
A	<p>Noted that a chemical (sodium and potassium hydroxide) was being used to regulate the Ph levels of water used for Hydro testing at the HRSG (Please, see Photo#2). The chemical was added into water (from a tank) by manually instead of using a pump /device with regulator (engineering control*). CBO was informed by NCPA/WP safety representative the following:</p> <ul style="list-style-type: none"> ○ Employee who handled the chemical was not wearing chemical resistant suit as required in the specific MSDS of chemical ○ No secondary containment ○ No shower in the vicinity of work area - 29 CFR 1910.151 (c) ○ Ensure use of fall protection while working on top of Baker's tank – 29 CFR 1926.501 (b) <p>*Engineering control to minimize the exposure and handling of chemical to reduce and mitigate the risks</p>	HRSG	10.05.2011
Info	NCPA/WP safety was emphasizing the importance of complaining with the HazCom and following the chemical's MSDS requirements to the contractor ARB. The contractor ARB agreed to comply and corrective actions will be taken as soon as possible - 29 CFR 1910.1200 – Hazard Communication		
A	Observed that fire wall formwork (at STG/GSU) was guided with a wire rope, however there were only 2 clamps at the end (where wire loops – Please, see Photo#3)	STG/GSU	-
A	Observed a pick-up truck (low-bed) without a backing alarm – 8 CCR 1592 (a)	Onsite	-
A	Ongoing concern / issue with protection extension cords from man-lift operating inside the STG building (Please, see Photo#4) - 29 CFR 1910.305(a)(2)(x) Several suggestion were made including re-routing all cords to avoid equipment driving on cords.	STG	10.04.2011
Other concerns / items	<ul style="list-style-type: none"> ❖ PRT: Constructing a tank at the SW corner of the STG. Welders were using welding screens, however in some occasions it was noted that the welder could not able to encapsulate the welding area. ❖ Respiratory use while grinding / cutting galvanized metal ❖ CBO safety brought to the attention as a reminder that labeling the Connex's as requested by the local FD 		
<p>Attachments Weekly Safety Meeting Pictured Safety Inspections</p>			
PRIORITY	Corrective action required; A – on the same day, B – within 2 days, C – within 4 days		
Issued By	Health & Safety Inspector	Inspection Task Leader	Resident Engineer
Signed	Taner Pamuk	Lowell Brown	-
Distribution	Contractor		
	Project Owner		
	TRB+		
	CEC		

WHERE SERIOUS OR IMMINENT DANGER IS OBSERVED AN H&S VIOLATION REPORT MUST BE ISSUED



Photo#1 – Positive Point: Safety Walkdown



Photo#2 – Regulating the Ph levels of water as part of Hydro Test



Photo#3 – (3) clamps should be used instead of (2)



Photo#4 – Repetitive issue: electrical cords were driven over by a manlift

Project Name :	Lodi Energy Center Project	Inspection Date :	10.11.2011
Contractor :	ARB	Reference No :	LEC-HSE-R59
Inspectors :	Taner Pamuk		
Observations (Attach photographs, if necessary)			
Priority	Description	Location	Close Out Date
Info	<ul style="list-style-type: none"> ❖ CBO safety representative performed safety walk-down inspection with NCPA/WP safety manager during the site visit of this week ❖ Attended weekly safety meeting, please see attached meeting minutes ❖ No major issues noted during the site visit of this week 		
Positive Point	<ul style="list-style-type: none"> ❖ Cal/OSHA consultation service visited the LEC Project site as part of the Golden Gate Certification program and awarded the LEC Site with "Golden Gate Certification"* <p>*Golden Gate certification is given for high-hazard companies that are maintaining effective safety and health management systems</p>		
A	Toe-boards should be installed at the second floor deck of WTB building (Please, see Photo#1) – 8 CCR 3209 (d)	WTB	-
A	Observed diesel and gas cans were stored outside a fire cabinet (exceeding more than 25 gallons - Please, see Photo#2) – 8 CCR 1930 (a)(3)(B)	Onsite	-
A	Observed a wire-sling with caging on the eye section (Please, see Photo#3) – 8 CCR 5045 (e)(3)	Onsite	-
Other issues / concerns	<ul style="list-style-type: none"> ❖ CBO safety witnessed that a skidder was operating in a tight area next to a Man-lift and the skidder (while maneuvering) touched one the tires of Man-lift. No one was on the Man-lift. CBO safety talked with the operator that he should get a spotter and talked with the other crew who were using the Man-lift and let them know that he was operating in the area and if possible to re-locate the Man-lift. This item was brought to the attention of the Safety personnel of LEC Project ❖ Congested area: East of STG / area between WTB and STG (Please, see Photo#4) ❖ Assured ground protection program: continue to inspect all cords and electrical tools for the last quarter of the year (current color code is blue) 		
Attachments Weekly Safety Meeting Pictured Safety Inspections			
PRIORITY	Corrective action required; A – on the same day, B – within 2 days, C – within 4 days		
Issued By	Health & Safety Inspector	Inspection Task Leader	Resident Engineer
Signed	Taner Pamuk	Lowell Brown	
Distribution	Contractor		
	Project Owner		
	TRB+		
	CEC		
WHERE SERIOUS OR IMMINENT DANGER IS OBSERVED AN H&S VIOLATION REPORT <u>MUST BE ISSUED</u>			



Photo#1 – Toe-boards or snow-fencing should be installed



Photo#2 – Safety cans should be stored in a fire cabinet, if exceeding more than 25 gallons



Photo#3 – Caging on the wire sling / the sling should be removed from site



Photo#4 – Congested and conflicted work areas

Project Name :	Lodi Energy Center Project	Inspection Date :	10.18.2011
Contractor :	ARB	Reference No :	LEC-HSE-R60
Inspectors :	Taner Pamuk		
Observations (Attach photographs, if necessary)			
Priority	Description	Location	Close Out Date
Info	<ul style="list-style-type: none"> ❖ CBO safety representative performed safety walk-down inspection with NCPA/WP safety manager during the site visit of this week ❖ Attended weekly safety meeting, please see attached meeting minutes ❖ No major issues noted during the site visit of this week 		
Positive Point	Noted that annual inspections for fire extinguishers among the site were performed and logged.		
A	Toe-boards should be installed at the second floor deck of WTB building (Please, see Photo# 1) – 8 CCR 3209 (d)	WTB	Pending
A	Observed impalement hazard which was created by form-work tie-rods (Please, see Photo# 2) – 8 CCR 1712 (c)	STG/GSU	-
A	Observed welding operations around the under-construction tank where welding screens should have been used to protect others working in the vicinity or trespassing – 8 CCR 4851 (a)	SE corner of the STG	10.18.2011
A	Access / egress issues were noted in the area between HRSG and STG where site personnel / employees were frequently traveling (Please, see Photo# 3&4) – 8 CCR 1629 (a)(3)	Onsite	-
A	Observed that employees were climbing on and off the perimeter walls of the cooling tower to get their work area (Please, see Photo# 5) – 8 CCR 1629 (a)(3)	Cooling Tower	10.18.2011
A	Observed electrical panel installed next to a trailer by the road at the N site of existing plant where the panel should be protected from physical damages by means of barricading (Please, see Photo# 6) – 8 CCR 2340.26	Onsite	-
Other issues / concerns	<ul style="list-style-type: none"> ❖ NCPA/WP safety personnel mentioned that the PRT was performing sand-blasting and the dust created contained silica sand. The contractor PRT was warned that the other crews in the area were exposed to silica sand. PTR agreed to substitute the high risk material with a less hazardous one. ❖ Overhead line safety: NCPA/WP safety personnel mentioned that CTG/GSU will be energized and construction equipment will be passing underneath the lines (8 CCR 1612 – new regulation regarding working around power lines). CBO safety suggested some measures such as: <ul style="list-style-type: none"> ○ Use of elevated barriers ○ Use of sign ○ Assigning spotter for that area 		
Attachments Weekly Safety Meeting Pictured Safety Inspections			
PRIORITY	Corrective action required; A – on the same day, B – within 2 days, C – within 4 days		
Issued By	Health & Safety Inspector	Inspection Task Leader	Resident Engineer
Signed	Taner Pamuk	Lowell Brown	-
Distribution	Contractor		
	Project Owner		
	TRB+		
	CEC		
WHERE SERIOUS OR IMMINENT DANGER IS OBSERVED AN H&S VIOLATION REPORT <u>MUST BE ISSUED</u>			



Photo#1 – Toe-boards or snow-fencing should be installed at mezzanine level of Water Treatment Building.



Photo#2 – Impalement hazards (rod ends) should be covered to prevent injury.



Photo#3 – Loose cords at the base of stairs are a tripping hazard



Photo#4 – Congested areas for egress of equipment limited, and temporary steps should be placed at base of concrete.



Photo#5 – Provide access by installing ladders across Cooling Tower basin walls.



Photo#6 – Protect the electrical panel by means of hard barriers

Project Name :	Lodi Energy Center Project	Inspection Date :	10.25.2011
Contractor :	ARB	Reference No :	LEC-HSE-R61
Inspectors :	Taner Pamuk		
Observations (Attach photographs, if necessary)			
Priority	Description	Location	Close Out Date
Info	<ul style="list-style-type: none"> ❖ CBO safety representative performed safety walk-down inspection with NCPA/WP safety manager during the site visit of this week ❖ No major issues noted during the site visit of this week 		
A	Toe-boards should be installed at the second floor deck of WTB building – 8 CCR 3209 (d)	WTB	Pending
A	Observed electrical cords, welding leads and an air hose line was exposed to vehicle traffic. All lines should be protected from receiving physical damage from vehicle traffic (Please, see Photo #1) - 29 CFR 1910.305(a)(2)(x)	Onsite	
A	Access / egress issues were noted in the area between HRSG and STG where site personnel / employees were frequently traveling (Please, see Photo #2) – 8 CCR 1629 (a)(3)	Onsite	Pending
A	Fire prevention concern: Observed a shelves covered with nylon and cardboard (combustible) boxed materials were staged on the shelves where hotworks (spark creating works such as welding) was taking in place in the vicinity or above floor (Please, see Photo #3) – 8 CCR 3221 (c) & (e)	Pipe Rack	-
A	Observed a nylon sling under tension and wrapped around a column where padding should have been used to protect the sling from sharp edges (Please, see Photo #4) – 8 CCR 5048 (c)(2)	Pipe Rack	
A	Observed leading edge on the pipe rack platform inside the STG (Please, see #5) – 29 CFR 1926.501	STG	
A	Observed employee working inside an electric control panel on an elevated platform (Please, see Photo #6) such a position that employee was on a higher ground than the height of guardrails. The employee should be protected from falls by using fall protection (body harnesses) – 8 CCR 1669 (a)	Onsite	
Other issues / concerns			
Attachments Weekly Safety Meeting Pictured Safety Inspections			
PRIORITY	Corrective action required; A – on the same day, B – within 2 days, C – within 4 days		
Issued By	Health & Safety Inspector	Inspection Task Leader	Resident Engineer
Signed	Taner Pamuk	Lowell Brown	
Distribution	Contractor		
	Project Owner		
	TRB+		
	CEC		
WHERE SERIOUS OR IMMINENT DANGER IS OBSERVED AN H&S VIOLATION REPORT <u>MUST BE ISSUED</u>			



Photo#1 – Cords should be protected from receiving damage by vehicular traffic.



Photo#2 – Access/egress issue: A ramp should be installed to avoid employees climbing on and off the path.



Photo#3 – Fire prevention measures required where employees performing hot-work (welding /grinding) operations in close vicinity of combustible materials



Photo#4 – Ensure that edge softeners were being used to protect slings



Photo#5 – leading edge: ensure fall protection by installing guardrails



Photo#6 – Fall protection concern: use of body harnesses was recommended

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	12/10/201	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.	03/28/11	Kevin Dumford	
44	03/28/11	STG Condenser Pedestals	Rebar Corrections complete O.K.	03/28/11	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 support 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 perimeter 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 perimeter 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	5/12/20	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	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
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	
140	08/01/11	Ammonia line test 2"	Rebar/clearance. O.K.	08/01/11	Kevin Dumford	
141	08/02/11	STG utility bridge foundation F 16	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
142	08/02/11	STG utility bridge foundation F 12	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
143	08/02/11	STG utility bridge foundation F 14 F 15	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
144	08/02/11	STG utility bridge foundation F 13	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
145	08/02/11	STG utility bridge foundation pedestals F 10 F 11	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
146	08/02/11	STG utility bridge foundation F 9	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
147	08/04/11	STG step up transformer	need rebar	08/04/11	Kevin Dumford	
148	08/09/11	STG step up transformer	Rebar/clearance and water stop. O.K.	08/09/11	Kevin Dumford	
149	08/11/11	Pad in switch yard.	Rebar/clearance. O.K.	08/11/11	Kevin Dumford	
150	08/11/11	STG utility bridge foundation F 12 F 14 F 15 F 16.	Rebar/clearance. O.K.	08/11/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
151	08/11/11	STG utility bridge foundation F 9 pedestal.	Rebar/clearance. O.K.	08/11/11	Kevin Dumford	
152	08/11/11	STG utility bridge foundation F 11 pedestal.	Rebar/clearance. O.K.	08/11/11	Kevin Dumford	
153	08/17/11	Aux Boiler Foundation	Rebar, conduits & Grounds O.K.	08/17/11	Lowell Brown	
154	08/17/11	STG Pedestal Foundation Rebar	Rebar, bolts & grounds O.K.	08/17/11	Lowell Brown	
155	08/17/11	STG Pipe Rack F/7 & F/8 Foundation Pedestals	Rebar & bolts O.K.	08/17/11	Lowell Brown	
156	08/17/11	STG (south) Utility Bridge Foundation Pedestals F/7	Rebar & bolts O.K.	08/17/11	Lowell Brown	
157	08/18/11	STG PDC Pipe Support Foundations	Revised from (3) supports to one slab	08/18/11	Lowell Brown	
158	08/19/11	Auxiliary Boiler Pedestal Rebar & Bolts	Rebar & bolts O.K.	08/19/11	Lowell Brown	
159	08/22/11	Pipe Support Foundation Adj. to STG PDC	Rebar O.K., per RFI 1487	08/22/11	Lowell Brown	
160	08/23/11	STG GSU Fire Wall rebar & waterstop	Rebar & waterstop O.K.	08/23/11	Lowell Brown	
161	08/23/11	Fire Pump House Foundation	Rebar and Sleeve O.K.	08/23/11	Lowell Brown	
162	08/23/11	STG Perimeter Foundation, Interior Equipment Pad	Rebar O.K.	08/23/11	Lowell Brown	
163	08/25/11	WTB Bus Support Foundations south side (2)	Rebar O.K.	08/25/11	Lowell Brown	
164	08/25/11	Aux Boiler Chemical Feed Foundation Rebar	Rebar, grounds O.K.	08/25/11	Lowell Brown	
165	08/26/11	Air Receiver Dryer & Aftercooler Foundation	Rebar & grounds O.K.	08/26/11	Lowell Brown	
166	08/30/11	SUS Transformers WTB (south) (2)	Rebar, bolts & grounds O.K.	08/30/11	Lowell Brown	
167	08/31/11	Clarified Water Pump Foundation	Rebar & Bolts O.K.	08/31/11	Lowell Brown	
168	09/06/11	Holiday Test Ammonia (west of HRSG)	Jeep to 13kV O.K.	09/06/11	Lowell Brown	
169	09/12/11	Cooling Water Pumps Foundation	Rebar & grounds O.K.	09/12/11	Lowell Brown	
170	09/12/11	Air Receiver Dryer & Aftercooler Pedestals	Rebar O.K.	09/12/11	Lowell Brown	
171	09/13/11	Condensate Polisher Foundations	Rebar O.K.	09/13/11	Lowell Brown	
172	09/14/11	Condensate Extraction Pumps	Rebar O.K.	09/14/11	Lowell Brown	
173	09/14/11	Condensate Polisher Top mat	Rebar O.K.	09/14/11	Lowell Brown	
174	09/14/11	CP Resin Refill Hopper and Storage Tank Fnds.	Rebar (2 Pads) O.K.	09/14/11	Lowell Brown	
175	09/16/11	Transmission Tower Foundation & Grounds	Rebar & grounds O.K.	09/16/11	Lowell Brown	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
176	09/19/11	WTB Truck Unloading Pad	Rebar O.K.	09/19/11	Lowell Brown	
177	09/19/11	WTB Raw Water Treatment Foundation	Rebar & grounds O.K.	09/19/11	Lowell Brown	
178	09/21/11	Condensate Extraction Pumps Foundation	Rebar cut to fit, need Engineer's approval			
179	09/21/11	Condensate Feed Water Pumps Pedestals	Rebar O.K.	09/21/11	Lowell Brown	
180	09/21/11	Condensate Polish Resin Hopper & Storage	Rebar O.K.	09/21/11	Lowell Brown	
181	09/23/11	STG Pedestal Extension	Rebar O.K.	09/23/11	Lowell Brown	
182	09/27/11	WTB South Chem. Feed Area Fnd.	Reba & grounds O.K.	09/21/11	Lowell Brown	
183	10/07/11	STG/GSU Fire Walls rebar	Rebar O.K.	10/07/11	Lowell Brown	
184	10/10/11	Extraction Pump Foundations, rebar	Rebar O.K.	10/10/11	Lowell Brown	
185	10/14/11	Waste Water Tank (NCPA)	See 14 item C/N			WP Review reqd
186	10/21/11	Service Water Tank (NCPA)	See 9 item C/N			WP Review reqd
187	10/25/11	Chemical Feed Tank Pads, rebar	Rebar & grounds O.K.	10/25/11	Lowell Brown	
188	10/27/11	Sample Panel Foundation rebar	Rebar & grounds O.K.	10/27/11	Lowell Brown	
189	10/31/11	WTB Mezzanine Deck rebar	Rebar O.K.	10/31/11	Lowell Brown	
190						
191						
192						
193						
194						
195						
196						
197						
198						
199						
200						

Exhibit 11

Correspondence, Filings, or Permits Issued by Other
Governmental Agencies

None for this reporting period.

Exhibit 12

Non-Compliance Report Log

NCR NO.	Date Rec'd.	Description of NCR	Date Closed	Remarks
1	12-1-10	Inadequate clearance DB0721	2-17-11	Closed
2	12-1-10	Inadequate clearance DB0411	2-17-11	Closed
3	12-9-10	Shut off valve for hydrant closer than detailed.	7-29-11	Closed
4	1-25-11	Spacer Issues Duct bank 0421	2-17-11	Closed
5 B1	2-7-11	Damage to bundle drain couplet		New couplet has been installed & NDE complete. Will close after Hydro.
6	2-18-11	Low concrete breaks cooling tower foundation west block of foundation	3-18-11	Closed 56 Day breaks, 4280psi, 4260psi
7	2-25-11	Wood Group flame cut holes in compressor frame without prior approval	3-4-11	Closed RFI 1211
8	3-3-11	Low concrete breaks Gas compressor pad	3-10-11	Closed per engineering evaluation. 56 day break 3900psi
9	4-5-11	Low concrete breaks DB0221 bottom lift.	4-27-11	Closed 56 Day breaks, 2330 psi
10	5-5-11	Low concrete break mid section cooling tower. Pour #102	6-1-11	Closed 56 day break 4290psi
11	4-19-11	Turbine Support bolt off location	4-27-11	Closed RFI 1276
12	4-26-11	Embed plates cast off center HRSG sump	7-27-11	Closed RFI 1291
13	5-12-11	CT enclosure anchor bolts off location	6-11-11	Closed RFI 1314
14	5-24-11	Electrical vaults leaking water		Pending final walk down
15	6-2-11	Low concrete break CTG PDC pedestals	6-30-11	Closed. 56 day break 4480PSI
16	6-15-11	Grout @ CTG package failed to bond	6-21-11	Closed
17	6-15-11	Grout on STIG pipe supports coming out		Remove, rebus & regROUT
18	7-21-11	Low concrete break water treatment building. 3940 psi	8-18-11	56 day results 8-18-11 4250PSI CLOSED
19	8-11-11	Damaged valve 11LBB40AA503		New parts are on order.