

**LOS ESTEROS CRITICAL ENERGY FACILITY,
PHASE 2 (03-AFC-2C)**

**Monthly Compliance
Report #17**

LOS ESTEROS CRITICAL ENERGY FACILITY, LLC

October 2012

For

California Energy Commission

**Los Esteros Critical Energy Facility, Phase 2
(03-AFC-2C)
Monthly Compliance Report #17**

1. LECEF Project Construction Status

Construction continued during the monthly reporting compliance period focusing primarily on the installation of the steam turbine generator (STG), the condenser, the heat recovery steam generators (HRSG), and the switchyard, all key components of the Los Esteros Critical Energy Facility's infrastructure. [The project schedule has been modified to reflect the current updates. A current Schedule of the All Remaining Activities is attached under COC GEN-2 along with the usual Weekly Construction Update. The project is still slated to be completed by June 2013.] The project is approximately 58.4% complete (cumulative through October 28, 2012) and construction is at 47.6%.

Work continues to proceed with engineering, procurement, permitting and compliance (i.e., environmental monitors) as well as scheduling and construction planning. In addition, submittals to the Chief Building Official (CBO) continue.

Listed below are the major events that have occurred during the monthly compliance reporting period:

- Backfill CTW, BFW 1, and Iso Phase, T-Poles
- Chemical Feed Coatings at CTW
- Coatings at chemical feed, Hazardous Materials
- Excavating T-Pole Foundations, Secondary Unit Transformer, Cycle Chem Feed
- Form/Rebar Piperack Ramp, Pipe support piers, T-Poles Foundations at the CTW,
- Condenser, Fuel Gas and Water Treatment, Secondary unit transformer, Boiler,
- Ductbank Risers, BFW Piperack 1, CW Pipe supports at CTW, STG Stair Landing.
- Pour T-Poles Foundations, Condensate Booster Pump, Ramp at Pipe Rack, Pipe
- Support Piers, STG Stair Landing, CW Pipe Support Foundations, BFW Piperack 1.
- Stripped T-Poles Foundations, Condensate Booster Pump, Ramp at Pipe Rack, Pipe
- Support Piers, STG Stair Landing, CW Pipe Support Foundations, BFW Piperack 1.
- Condenser Expansion Joint Installation Completed.
- Hydro HRSG 4.
- Completed HRSG hydro 2 & 3.
- Pre and post Hydro activities 2, 3, & 4.
- Align Gas Compressor, CW Pumps, LP/HP Turbine.
- Clean LP Casing, Fit LP Keys, Set Casing.
- Grout Gas Compressor, lube oil equipment.
- Install and align CW Pump Motors.
- Inventory/ Install STG Enclosure.
- LP Case Keys.
- Position Boiler Feed Pumps.

- Grout Gas Compressor.
- Set Elevation Vacuum Skid, Generator Cooler.
- Set motors on Lube Oil and Condensate
- Torque LP, HP Cover Bolts.
- Trim out lube oil.
- WWC/BBS at BFW 1 area.
- Fabrication/Layout/Welding AG Piping—BFW, cooling tower, seq 5 (critical and non),
- HRSG 1,2,3,4, SAX.
- Set MHI Valves.
- Cable tray install at pipe rack, HRSG's, seq 5, and BFP's, fuel gas compressors.
- Conduit and Lighting installation on HRSG's.
- DCS in PDC's.
- Turbine Control Panels in PDC 5.
- Bay 5 Steel.
- CCVT's and Switches at GSU.
- Conduit in Switchyard.
- Completed PGE Term Structures.
- Circuit 1 & 2 Terminations.
- Complete Install of Circuit 1, 2 & 3 Cables.
- Mob HV Cable Installer.

Work in Progress:

- Complete HRSG 3 erection.
- Continue HRSG installation.
- Continue HRSG weld out and casing joint insulation and liner plate installation.
- Work piping on HRSG Units 4 and 1.
- Accomplish HRSG Unit 4 hydrostatic testing.
- Continue remaining underground piping work.
- Continue above ground pipe and pipe rack work
- Continue night shift for piping and HRSG
- Continue receiving pipe from fabricator.
- Continue installing pipe rack piping at Sequences 1, 2, 3, 4 and 5.
- Complete BFW pump installations.
- Continue work on STG.
- Finish DCS in Control Building and existing PDCs.
- Finish electrical modifications in existing PDCs.
- Continue cable tray installation at Pipe Rack.
- Continue HRSG conduit.
- Finish installing high voltage cable for switchyard.
- Finish t-pole installation for pipe.
- Finish chemical feed area south of HRSG 1

2. Table of Required Monthly Compliance Report Documents

COM-5	Compliance Matrix is attached	AQ-1	N/A, first fire
COM-6	MCR #17 submitted	AQ-2	N/A, first fire
GEN-2	A copy of the most recent schedule is attached	AQ-3	N/A, first fire
GEN-3	Email from CBO confirming receipt of payment is attached	AQ-4	N/A, first fire
GEN-5	A copy of the most recent information is attached	AQ-6	N/A, first fire
GEN-6	A copy of the most recent information is attached	AQ-9	N/A, first fire
GEN-7	None this month	AQ-10	N/A, first fire
GEN-8	N/A, Applicable work not completed for the reporting period	WS-4	A copy of the most recent information is attached
CIVIL-1	A copy of the most recent information is attached	BIO-2	A copy of the Designated Biologist's summary report is attached
CIVIL-3	A copy of the NCR Log is attached	BIO-4	The number of WEAP participants is provided including cumulative totals
CIVIL-4	N/A, Applicable work not complete for the reporting period	BIO-20	None this month
STRUC-1	A copy of the most recent information is attached	BIO-21	No additional information required
STRUC-3	N/A, Applicable work not completed for the reporting period	CUL-2	A copy of the anticipated project activity is attached
STRUC-4	N/A, Applicable work not completed for the reporting period	CUL-4	A copy of the acknowledgement forms for the report period is attached
MECH-1	A copy of the most recent information is attached	CUL-5	A copy of the CRS Monitor's report is transmitted separately as "Confidential"
MECH-2	A copy of the most recent information is attached	PAL-3	See completed WEAP forms provided in CUL-4
ELEC-1	A copy of the most recent information is attached	PAL-4	A copy of the PRS Monitor's report is

			attached
TSE-1	A copy of the most recent information is attached	WASTE-5	N/A, A copy of the USEPA Region 9 RCRA ID was submitted in previous MCR
TSE-2	A copy of the most recent information is attached	SOCIO-1	A copy of the activities report is attached
TSE-4	A copy of the most recent information is attached	TRANS-1	Report was completed last month
TSE-5	A copy of the most recent information is attached	TRANS-2	None this month
AQ-SC3	Discussion of the dust monitoring process is attached	TRANS-3	None this month
AQ-SC5	Information is provided for this COC, as attached	TRANS-4	Information is provided for this COC, as attached

3. Compliance Matrix

A copy of the construction Compliance Matrix is attached under COM-5

4. Conditions Satisfied During the Reporting Period

No conditions satisfied during the reporting period include:

Submittals to CPM in October

- AQ-47 Cooling Tower Vendor Certification was submitted on October 16, 2012 – under CPM review

5. Submitted Deadline Not Met

There are no past due compliance submittals

6. Approved Condition of Certification Changes

- LECEF, Phase 2 Title V Permit (Final Major Facility Review Permit) from Bay Area Air Quality Management District, issued on June 6, 2012 and submitted to the CPM on June 20, 2012.
- A change to verification language of TSE-2, TSE-3, GEN-5, GEN-7, CIVIL-2, and STRUC-2 were submitted to the CPM on April 9, 2012, and approved by staff on April 20, 2012.
- A change to verification language of BIO-11 was submitted to the CPM on February 15, 2011 and approved by staff on June 8, 2011.
- A change to verification language of HAZ-2 was submitted to the CPM on February 15, 2011 and approved by staff on March 14, 2011.
- A change to verification language of TSE-1 was submitted to the CPM on February 22, 2011 and approved by staff on February 28, 2011.

- LECEF, Phase 2 license amendment filed on October 30, 2009, and approved on February 2, 2011.

7. Filings of Permits from other Agencies

- Submitted a request to BAAQMD Title V Amendment Application on October 25, 2012. A Petition for Amendment No. 5, Air Permit Conditions of Certification, to the CPM is forthcoming in November.
- Submitted the Industrial Wastewater Discharge Permit Renewal SJ-488A on August 15, 2012.
- Storm Water documentation for construction (Annual Report): Submitted on-line to State Water Resources Control Board on August 31, 2012 & August 31, 2011.
- Authority to Construct Renewal, LECEF 2: Submitted to Bay Area Air Quality Management District on August 9, 2011.

8. Projection of Compliance Activities for October

GEN-2	Schedule will be updated monthly
GEN-3	CBO payments will be submitted monthly
AQ-SC-3	The AQCMM report will be updated monthly
AQ-SC-5	The AQCMM report will be updated monthly
WS-4	The Safety Inspection Report will be updated monthly
BIO-2	The Designated Biologist's report will updated monthly
BIO-4	WEAP training will be completed for new employees as needed
CUL-2	A current schedule will be provided to the CRS monitor when available
CUL-4	WEAP training will be completed for new employees as needed
PAL-3	WEAP training will be completed for new employees or visitors as needed; but is typically provided Monday and Wednesday at 7:00 AM
PAL-4	The PRS report will be updated monthly

9. Additions to the On-site Compliance File

- WEAP training records
- Cultural Monitoring Reports
- Paleontology Monitoring Reports
- Biological Monitoring Reports
- Chemical Inventory List

10. Any requests, with justification, to dispose of items that are required to be maintained in the project owner's compliance file

No items disposed of during the reporting period.

11. Listing of complaint, notices of violations, official warnings and citations

None received during the reporting period.

CONDITION OF CERTIFICATION COM-5

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
Revised: 8/23/12														
AQ	SC1	PC			Air Quality Construction Mitigation Manager (AOCMM): The project owner shall designate and retain an on-site AOCMM who shall be responsible for directing and documenting compliance with conditions AQ-SC3, AQ-SC4 and AQ-SC5 for the entire project site and linear facility construction. The AOCMM shall not be terminated without written consent from the CPM.	At least 60 days prior to the start of ground disturbance, the project owner shall submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AOCMM and all AOCMM Delegates.	Prior to the start of ground disturbance	60	3/2/2011	LGC	2/15/2011 9/28/2012	2/22/2011		Submitted
AQ	SC2(a)	PC			Air Quality Construction Mitigation Plan (AOCMP): The project owner shall provide an AOCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with conditions AQ-SC3, AQ-SC4 and AQ-SC5.	At least 60 days prior to the start of any ground disturbance, the project owner shall submit the AOCMP to the CPM for approval.	Prior to the start of ground disturbance	60	3/2/11	LECEF	2/24/2011	3/23/2011		Complete
AQ	SC2(b)	PC				The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt.	date of receipt	30	N/A	LECEF	N/A	N/A	CPM did not require any modifications	Complete
AQ	SC3	CONS		MCR	The AOCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the mitigation measures listed in AQ-SC3 for the purposes of preventing all fugitive dust plumes from leaving the Project. Deviation from the listed mitigation measures requires prior CPM notification and approval.	The project owner shall include in the MCR (1) a summary of all actions taken to maintain compliance with this condition, (2) copies of any complaints filed with the air district in relation to project construction, and (3) any other documentation deemed necessary by the CPM and AOCMM to verify compliance with this condition.	Monthly		First Monday of each month	LGC				MCR
AQ	SC4	CONS			The AOCMM or an AOCMM Delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported (1) off the project site or (2) 200 feet beyond the centerline of the construction of linear facilities or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not resulting in effective mitigation. If visible dust plumes are observed, the AOCMM or delegate shall implement the procedures outlined in AQ-SC4.	The AOCMP shall include a section detailing how the additional mitigation measures will be accomplished within the time limits specified.	Contained in AOCMP from AQ-SC2	60	3/2/11	LGC	2/24/2011	3/23/2011	Contained in approved AOCMP from AQ-SC2	Complete
AQ	SC5	CONS		MCR	The AOCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with the mitigation measures listed in AQ-SC5 for the purposes of controlling diesel construction-related emissions. Deviation from the listed mitigation measures shall require prior CPM notification and approval.	The project owner shall include in the MCR (1) a summary of all actions taken to maintain compliance with this condition, (2) copies of all diesel fuel purchase records, (3) 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 equipment has been properly maintained, and (4) any other documentation deemed necessary by the CPM and AOCMM to verify compliance with this condition.	Monthly		First Monday of each month	LGC				MCR
AQ	SC6 (a)	ALL			The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM for review any modification to any air permit for the project proposed by the District or any other agency.	The project owner shall submit any proposed air permit modification to the CPM within five business days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from any agency.	After permit modification submittal	5		LECEF	2/18/2011 ATC	11/16/2011		Complete
AQ	SC6 (b)	ALL				The project owner shall submit a final copy of any modified air permit to the CPM within 15 business days after the issue date on the permit.	After the issue date on the permit	15		LECEF	2/18/2011 ATC renewal	11/16/2011		Complete

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
AQ	SC7	PRE-OP			The project shall surrender the emission offset credits listed in AQ-SC7, as amended, or a modified list, as allowed by this condition, at the time that surrender is required by condition AQ-35 (district permit Part 35)	The project owner shall submit to the CPM a list of ERCs to be surrendered to the District at least 60 days prior to initial startup.	Prior to initial startup	60	3/13/2013	LECEF	40611 3/9/11	3/16/2011		Complete
AQ	SC7(b)	PRE-OP				If the CPM, in consultation with the District, approves a substitution or modification, the CPM shall file a statement of the approval with the commission docket and mail a copy of the statement to every person on the post-certification mailing list.	N/A	N/A	N/A				CPM requirement	Ongoing
AQ	SC7(c)	PRE-OP				The CPM shall maintain an updated list of approved ERCs for the project.	N/A	N/A	N/A				CPM requirement	Ongoing
AQ	SC8	ALL			The project owner shall comply with all staff (AQ-SC) and district (AQ) Conditions of Certification.	The project owner shall notify the CPM in writing of any proposed change to a condition of certification pursuant to this condition and shall provide the CPM with any additional information the CPM requests to substantiate the basis for approval.	After identification of need		As Required	LECEF				Ongoing
AQ	SC9 (a)	PC			The project owner/operator shall submit documentation proving the previous withdrawal of 34.11 tons of SOx Emissions Reductions Credits (ERCs).	The project owner/operator shall submit proof of previous withdrawal of 34.11 tons of SOx ERCs prior to the start of construction on the Combined Cycle conversion of the project.	Prior to the start of construction	1	5/8/11	LECEF	3/9/2011	3/16/2011		Complete
AQ	SC9 (b)	PRE-OP			The project owner/operator shall further surrender an additional 13.730 tons of SOx ERCs.	The project owner/operator shall surrender the remaining 13.730 tons of SOx ERCs to the district for permanent withdrawal from the bank prior to first fire of any gas turbine following the installation of the duct burners and associated equipment	Prior to first fire	1	4/4/13	LECEF	3/9/2011	3/16/2011		Complete
AQ	SC9(c)	PRE-OP				The owner /operator shall submit all documentation of the surrender to the CPM by the same date.	Same date as SC9(b)				3/9/2011			Complete
AQ	SC9(d)	PRE-OP				Copies of documentation from the district proving permanent withdrawal of any submitted ERCs from the district bank shall be submitted by the owner / operator to the CPM as soon as issued by the district.	issued by district	ASAP			3/9/2011			Complete
AQ	SC10	OP		AQ-34	The project owner shall report to the CPM the quantity of CO2 emitted on an annual basis as a direct result of electricity generation.	CO2 emissions shall be reported to the CPM once per calendar year, as part of the first quarterly compliance report submitted each year as required in Condition of Certification AQ-34.	Annual		4/30/13	LECEF				AQ-34

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
AQ	SC11				DELETED				N/A	LECEF	N/A	N/A		Complete
AQ	SC12 (a)	OP		ACR	The project owner shall not operate S-5 Fire Pump Diesel Engine for testing to demonstrate compliance with a District, State, or Federal emission limit or for reliability related activities (maintenance and other testing, but excluding emission testing) simultaneously with the operation of any gas turbine (S-1, S-2, S-3, or S-4) in start-up mode.	As part of the quarterly and <u>annual compliance reports</u> as required by AQ-34, the project owner shall include information on the date, time, and duration of any violation of this permit condition.	Annual		1/30/13	LECEF				ACR
AQ	SC12 (b)	OP		AQ-34		<u>As part of the quarterly</u> and annual compliance reports as required by AQ-34, the project owner shall include information on the date, time, and duration of any violation of this permit condition.	Quarterly		4/30/13	LECEF				AQ-34
AQ	SC13 (a)	OP		ACR	The project owner shall limit the operation of S-5 Fire Pump Diesel Engine to the hours between 8 a.m. and 5 p.m. for reliability related activities (maintenance and other testing, but excluding emission testing or emergency operation).	As part of the quarterly and <u>annual compliance reports</u> as required by AQ-34, the project owner shall include information on the date, time, and duration of any violation of this permit condition.	Annual		1/30/13	LECEF				ACR
AQ	SC13 (b)	OP		AQ-34		<u>As part of the quarterly</u> and annual compliance reports as required by AQ-34, the project owner shall include information on the date, time, and duration of any violation of this permit condition.	Quarterly		4/30/13	LECEF				AQ-34
AQ	1	PRE-OP			The owner/operator of the LECEF shall minimize the emissions of carbon monoxide and nitrogen oxides from S-1, S-2, S-3 and S-4 Gas Turbines and S-7, S-8, S-9, and S-10 HRSG to the maximum extent possible during the commissioning period.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan required by AQ-5	two weeks prior to first fire	14	3/21/13	LGC				Not Started
AQ	1(b)	OP		AQ-10		The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Monthly Commissioning Emissions Reports required by AQ-10 respectively	no due date		5/12/2013					AQ-10
AQ	2	PRE-OP			At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the owner/operator shall tune the S-1, S-2, S-3 and S-4 Gas Turbine combustors to minimize the emissions of carbon monoxide and nitrogen oxides.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan required by AQ-5	two weeks prior to first fire	14	3/21/13	LGC				Not Started
AQ	2(b)	OP		AQ-10		The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Monthly Commissioning Emissions Reports required by AQ-10 respectively	no due date		5/12/2013					AQ-10
AQ	3	PRE-OP			At the earliest feasible opportunity and in accordance with the recommendations of the equipment manufacturers and the construction contractor, the owner/operator shall install, adjust and operate the SCR Systems (A-10, A-12, A-14 & A-16) and OC Systems (A-9, A-11, A-13 & A-15) to minimize the emissions of NOx and CO from S-1, S-2, S-3 and S-4 Gas Turbines and S-7, S-8, S-9, and S-10 HRSG.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan required by AQ-5	two weeks prior to first fire	14	3/21/13	LGC				Not Started
AQ	3(b)	OP		AQ-10		The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Monthly Commissioning Emissions Reports required by AQ-10 respectively	no due date		5/12/2013					AQ-10
AQ	4	PRE-OP			Coincident with the steady-state operation of SCR Systems (A-10, A-12, A-14 & A-16) and OC Systems (A-9, A-11, A-13 & A-15) pursuant to AQ-3, the owner/operator shall operate the facility in such a manner that the Gas Turbines (S-1, S-2, S-3 and S-4) comply with the NOx and CO emission limitations specified in AQ 19a and AQ-19c.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan required by AQ-5	two weeks prior to first fire	14	3/21/13	LGC				Not Started
AQ	4(b)	OP		AQ-10		The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Monthly Commissioning Emissions Reports required by AQ-10 respectively	no due date		5/12/2013					AQ-10

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
AQ	5	PRE-COD			The owner/operator of the Los Esteros Critical Energy Facility shall submit a plan to the District Permit Services Division at least two weeks prior to first firing of S-1, S-2, S-3 & S-4 Gas Turbines and/or S-7, S-8, S-9, & S-10 HRSGs describing the procedures to be followed during the commissioning of the turbines in the combined-cycle configuration.	The project owner/operator shall submit a Commissioning Plan to the District Permit Services Division and the CPM for approval at least two weeks prior to first fire of S-1, S-2, S-3 and S-4.	Prior to first fire	14.00	3/21/13	LGC	7/18/2012	8/7/2012		Complete
AQ	6	PRE-COD			During the commissioning period, the owner/operator of the LECEF shall demonstrate compliance with AQ-8 through AQ-10 through the use of properly operated and maintained continuous emission monitors and data recorders for the parameters listed in AQ-6, as amended.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan required by AQ-5	two weeks prior to first fire	14	3/21/13	LGC				Not Started
AQ	6 (b)	OP		AQ-10		The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Monthly Commissioning Emissions Reports required by AQ-10 respectively	no due date		5/12/2013					AQ-10
AQ	6 (c)				as amended 2/2/11	If necessary to ensure that accurate data is collected at all times, the project owner shall install dual span emission monitors.	Commissioning Plan	14	NA	District	N/A	NA		Complete
AQ	7	PRE-OP			The owner/operator shall install, calibrate and make operational the District-approved continuous monitors specified in AQ-6, as amended, prior to first firing of each turbine (S-1, S-2, S-3 and S-4 Gas Turbines) and HRSG (S-7, S-8, S-9, and S-10 Heat Recovery Steam Generators).	The project owner/operator shall notify the District and CPM of the date of expected first fire at least 30 days prior to first fire and shall make the project site available for inspection if desired by either the District or CPM.	Prior to first fire	30	3/5/13					Not Started
AQ	7 (b)				as amended 2/2/11	If necessary to ensure that accurate data is collected at all times, the project owner shall install dual span emission monitors.	Commissioning Plan	14	NA	District	N/A	NA		Complete
AQ	8	PRE-OP			The owner/operator shall not operate the facility such that the number of firing hours of S-1, S-2, S-3 and S-4 Gas Turbines and/or S-7, S-8, S-9, and S-10 HRSG without abatement by SCR or OC systems exceed 250 hours for each power train during the commissioning period. Such operation of the S-1, S-2, S-3 and S-4 Gas Turbines without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR or OC system in place.	The owner/operator shall provide written notice to the CPM and the District Permit Services & Enforcement Divisions within five business days of completion of all commissioning activities, at which time the unused balance of the 250 firing hours without abatement shall expire.	After completion of all commissioning activities	5	6/30/13	LGC - Pertains to all 4 units				Not Started
AQ	9	PRE-OP		AQ-10	The total mass emissions of nitrogen oxides, carbon monoxide, precursor organic compounds, PM10, and sulfur dioxide that are emitted by the S-1, S-2, S-3 and S-4 Gas Turbines and S-7, S-8, S-9, and S-10 HRSG during the commissioning period shall accrue towards the consecutive twelve-month emission limitations specified in AQ-22.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of each Monthly Commissioning Emissions Report required by AQ-10 after the completion of commissioning	After completion of all commissioning activities	no due date	5/12/2013	LGC				Not Started
AQ	9(b)	OP		AQ-34		The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the first Quarterly Operations Report required by AQ-34 after the completion of commissioning	Quarterly	30 days at the end of the quarter	4/30/13	LECEF				AQ-34
AQ	10	PRE-OP		AQ-10	The owner/operator shall not operate the facility such that the pollutant mass emissions from each turbine (S-1, S-2, S-3, and S-4 Gas Turbines) and corresponding HRSG (S-7, S-8, S-9, and S-10 Heat Recovery Steam Generators) exceed the limits during the commissioning period listed in AQ-10 as amended (2/2/11).	The project owner/operator shall submit to the CPM for approval, a Monthly Commissioning Emissions Report that includes fuel use, turbine operation, post combustion control operation, ammonia use and CEM readings on an hourly and daily basis	After completion of all commissioning activities	no due date	5/12/2013	LGC				AQ-10
AQ	11 (a)	PRE-OP			Within sixty (60) days of startup, the owner/operator shall conduct a District approved source test using external continuous emission monitors to determine compliance with AQ-10.	The project owner/operator shall submit the source test plan and results as required in the time frames indicated in this Condition of Certification.	After startup	60	7/11/13	LGC				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
AQ	11 (b)	OP			Thirty (30) days before the execution of the source tests, the owner/operator shall submit to the District a detailed source test plan designed to satisfy the requirements of AQ-11. The owner/operator shall be notified of any necessary modifications to the plan within twenty (20) working days of receipt of the plan; otherwise the plan shall be deemed approved. District comments shall be incorporated into the test plan.		Prior to source tests	30	4/27/13	LGC				Not Started
AQ	11 (c)	PRE-OP			The owner/operator shall notify the District within ten (10) days prior to the planned source testing date.		Prior to source tests	10	5/17/13	LGC				Not Started
AQ	11 (d)	PRE-OP			Source test results shall be submitted to the District within sixty (60) days of the source testing date.		After source test results	60	7/26/13	LGC				Not Started
AQ	12	OP		AQ-34	Operation of this equipment shall be conducted in accordance with all information submitted with the application (and supplements thereof) and the analyses under which this permit is issued unless otherwise noted below.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly	30 days at the end of the quarter	4/30/13	LECEF				AQ-34
AQ	13	OP		AQ-34	In the event that any part herein is determined to be in conflict with any other part contained herein, then, if principles of law do not provide to the contrary, the part most protective of air quality and public health and safety shall prevail to the extent feasible.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly	30 days at the end of the quarter	4/30/13	LECEF				AQ-34
AQ	14	OP			All reasonable expenses, as set forth in the District's rules or regulations, incurred by the District for all activities that follow the issuance of this permit, including but not limited to permit condition implementation, compliance verification and emergency response, directly and necessarily related to enforcement of the permit shall be reimbursed by the owner/operator as required by the District's rules or regulations.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15	Upon request		As Required	LECEF				Access
AQ	15	OP			As to any part that requires for its effective enforcement the inspection of records or facilities by representatives of the District, the Air Resource Board (ARB), the U.S. EPA, or the CEC, the owner/operator shall make such records available or provide access to such facilities upon notice from representatives of the District, ARB, U.S. EPA, or CEC.	The owner/operator shall maintain records for a minimum of five (5) years and provide access to records and facilities as requested by the ARB, EPA, District and CEC.	Upon request		As Required	LECEF				Access
AQ	16	PRE-OP			The owner/operator shall notify the District of the date of anticipated commencement of turbine operation not less than 10 days prior to such date. Temporary operations under this permit are granted consistent with the District's rules and regulations	The owner/operators shall notify the District and CPM of the date of anticipated commencement of turbine operation not less than 10 days prior to such date.	prior to turbine operation	10	5/2/13	LECEF				Not Started
AQ	17	OP			The owner/operator shall insure that the gas turbines, HRSGs, emissions controls, CEMS, and associated equipment are properly maintained and kept in good operating condition at all times.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15	Upon request		As Required	LECEF				Access
AQ	18	OP			The owner/operator shall insure that no air contaminant is discharged from the LECEF into the atmosphere for a period or periods aggregating more than three minutes in any one hour, which is as dark or darker than Ringelmann 1 or equivalent 20% opacity.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.	Upon request		As Required	LECEF				Access
AQ	19 (a)	OP		AQ-34	a. The emissions of oxides of nitrogen (as NO2) from emission points P-1, P-2, P-3, and P-4 (combined exhaust of gas turbine/HRSG power trains S-1 & S-7, S-2 & S-8, S-3 & S-9, and S-4 & S-10, respectively) each shall not exceed 2.0 ppmvd @ 15% O2 (1-hour rolling average), except during periods of gas turbine startup and shutdown and shall not exceed 4.68 lb/hour (1-hour rolling average) except during periods of gas turbine startup as defined in this permit.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34

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AQ	19 (b)	OP		AQ-34	b. Emissions of ammonia from emission points P-1, P-2, P-3, and P-4 (combined exhaust of gas turbine/HRSG power trains S-1 & S-7, S-2 & S-8, S-3 & S-9, and S-4 & S-10, respectively) each shall not exceed 5 ppmvd @ 15% O ₂ (3-hour rolling average), except during periods of start-up or shutdown as defined in this permit. The ammonia emission concentration shall be verified by the continuous recording of the ratio of the ammonia injection rate to the NO _x inlet rate into the SCR control system (molar ratio).	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	19 (c)	OP		AQ-34	c. Emissions of carbon monoxide (CO) from emission points P-1, P-2, P-3, and P-4 (combined exhaust of gas turbine/HRSG power trains S-1 & S-7, S-2 & S-8, S-3 & S-9, and S-4 & S-10, respectively) each shall not exceed 2.0 ppmvd @ 15 % O ₂ (1-hour rolling average), except during periods of start-up or shutdown as defined in this permit and shall not exceed 2.85 lb/hr (1-hour rolling average) except during periods of startup as defined in this permit.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	19 (d)	OP		AQ-34	d. Emissions of precursor organic compounds (POC) from emission points P-1, P-2, P-3, and P-4 (combined exhaust of gas turbine/HRSG power trains S-1 & S-7, S-2 & S-8, S-3 & S-9, and S-4 & S-10, respectively) each shall not exceed 1 ppmvd @ 15% O ₂ (1-hour rolling average), except during periods of gas turbine startup or shutdown as defined in this permit; and shall not exceed 0.81 lb/hr (1-hour rolling average) except during periods of startup as defined in this permit.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	19(e)	OP		AQ-34		The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	19(f)	OP		AQ-34		The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	19(g)	OP		AQ-34		The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	20	OP		AQ-34	Turbine Start-up: The project owner shall ensure that the regulated air pollutant mass emission rates from each of the Gas Turbines (S-1 & S-3) during a startup does not exceed the limits established in AQ-20, as amended.	The project owner shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	20(b)	PRE-OP				Should it be determined that good engineering practice requires a different time period for a startup, the owner/operator may operate the gas turbines such that startups do not exceed that time period, as approved in writing by the APCO.	Relating to turbine startup		As Required	LECEF				Not Started
AQ	21	OP		AQ-34	Turbine Shutdown: The project owner shall operate the gas turbines so that the duration of a shutdown does not exceed 30 minutes per event, or other time period based on good engineering practice that has been approved in advance by the BAAQMD. Shutdown begins with the initiation of the turbine shutdown sequence and ends with the cessation of turbine firing.	The project owner shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	21(b)	OP			Turbine Shutdown: The project owner shall operate the gas turbines so that the duration of a shutdown does not exceed 30 minutes per event, or other time period based on good engineering practice that has been approved in advance by the BAAQMD.		Relating to turbine shutdown		As Required	LECEF				Not Started
AQ	22	OP		AQ-34	The owner/operator shall operate the LECEF so that the mass emissions from the S-1, S-2, S-3 & S-4 Gas Turbines and S-7, S-8, S-9, & S-10 HRSGs do not exceed the daily and annual mass emission limits specified in AQ-22, as amended. The owner/operator shall implement process computer data logging that includes running emission totals to demonstrate compliance with these limits so that no further calculations are required. See AQ-22 for particulars.	The project owner shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34

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AQ	23	OP		AQ-34	The owner/operator shall operate the LECEF so that the sulfuric acid mist emissions (SAM) from S-1, S-2, S-3, S-4, S-7, S-8, S-9, and S-10 combined do not exceed 7 tons totaled over any consecutive four quarters.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	24	OP		AQ-34	Operational Limits: In order to comply with the mass emission limits of this rule, the owner/operator shall operate the gas turbines and HRSGs so that they comply with the operational limits of AQ-24, as amended.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	24(b)	OP				To demonstrate compliance with this sulfur content limit, the project owner shall sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas, in addition to any monitoring requirements specified in condition 29.	upon first fire and Monthly			LECEF				Not Started
AQ	24(b)	OP				The project owner shall demonstrate compliance with the daily and annual Nox and CO emission limits listed in AQ-22 by maintaining running mass emission totals based on CEM data.	upon commissioning			LECEF				Not Started
AQ	25	OP			The owner/operator shall ensure that each gas turbine/HRSG power train complies with the monitoring requirements of AQ-25.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.	Upon request		As Required	LECEF				Access
AQ	25	OP				The ammonia injection system shall be equipped with an operational ammonia flow meter and injection pressure indicator accurate to + five percent at full scale and shall be calibrated at least once every twelve months.	before commissioning and at annual outage			LECEF				Not Started
AQ	26 (a)	OP			<u>Within ninety (90) days of the startup of the gas turbines and HRSGs</u> , and at a minimum on an annual basis thereafter, the owner/operator shall perform a RATA on the CEMS in accordance with 40 CFR Part 60 Appendix B Performance Specifications and a source test shall be performed.		After startup of the gas turbines and HRSGs	90	5/27/13	LGC				Not Started
AQ	26 (b)	OP			<u>Within ninety (90) days of the startup of the gas turbines and HRSGs</u> , and at a minimum <u>on an annual basis thereafter</u> , the owner/operator shall perform a RATA on the CEMS in accordance with 40 CFR Part 60 Appendix B Performance Specifications and a source test shall be performed.		Annual	365	5/27/14	LECEF				Not Started
AQ	26 (c)	OP			A complete test protocol shall be submitted to the District no later than 30 days prior to testing.	At least 30 days prior to the date of each source test, the owner/operator shall submit a source test protocol to the District and the CPM for approval.	Prior to the date of each source test	30	4/27/13	LGC				Not Started
AQ	26 (d)	OP			Notification to the District at least ten days prior to the actual date of testing shall be provided so that a District observer may be present.	At least 10 days prior to the testing date, the owner/operator shall notify the District and the CPM of the date of the source test.	Prior to the source testing date	10	5/17/13	LGC				Not Started
AQ	26 (e)	OP			The written test results of the source tests shall be provided to the District within thirty days after testing.	No more than 30 days after the date of the source test, the owner/operator shall submit the results of the RATA and source test to the District and the CPM for approval.	Prior to the source testing date	30	6/26/13	LGC				Not Started
AQ	27	PRE-OP			<u>Within 60 days of start-up of the LECEF in combined-cycle configuration</u> and on a semi-annual basis thereafter, the owner/operator shall conduct a District approved source test on exhaust points P-1, P-2, P-3, and P-4 while each Gas Turbine/HRSG power train is operating at maximum load to demonstrate compliance with the SAM emission limit specified in AQ-23. The owner/operator shall test for (as a minimum) SO ₂ , SO ₃ , and SAM.		After startup of the gas turbines and HRSGs	60	7/11/13	LGC				Not Started
AQ	27(b)	OP		AQ-34		The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34

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AQ	27(c)	OP		AQ-34	Within 60 days of start-up of the LECEF in combined-cycle configuration and <u>on a semi-annual basis</u> , thereafter, the owner/operator shall conduct a District approved source test on exhaust points P-1, P-2, P-3, and P-4 while each Gas Turbine/HRSG power train is operating at maximum load to demonstrate compliance with the SAM emission limit specified in AQ-23. The owner/operator shall test for (as a minimum) SO ₂ , SO ₃ , and SAM.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	27(d)	OP			After acquiring one year of source test data on these units, the owner/operator may petition the District to switch to annual source testing if test variability is acceptably low as determined by the District.		after 1 yr of data from source test	365						Not Started
AQ	28	PRE-OP			The owner/operator shall prepare a written quality assurance program must be established in accordance with 40 CFR Part 75, Appendix B and 40 CFR Part 60 Appendix F.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.	Upon request		As Required	LGC/CISCO				Access
AQ	29				DELETED					N/A	LECEF	N/A	N/A	Complete
AQ	30	OP		AQ-34	The owner/operator shall notify the District of any breakdown condition consistent with the District's breakdown regulations.	The project owner/operator shall provide duplicate notification to the CPM of all breakdown notifications provided to the District, as required by District breakdown regulations. The duplicate notification shall be submitted to the CPM at the same time it is submitted to the District. <u>The project owner/operator shall also include all breakdown reports for each quarter as part of the quarterly report required by Condition of Certification AQ-34.</u>	Quarterly		4/30/13	LECEF				AQ-34
AQ	30(b)	OP				The project owner/operator shall provide duplicate notification to the CPM of all breakdown notifications provided to the District, as required by District breakdown regulations. The duplicate notification shall be submitted to the CPM at the same time it is submitted to the District.	upon occurrence		As Required	LECEF				Not Started
AQ	31	PRE-OP			The owner/operator shall notify the District in writing in a timeframe consistent with the District's breakdown regulations following the correction of any breakdown condition.	The project owner/operator shall provide duplicate notification to the CPM of all breakdown notifications provided to the District, as required by District breakdown regulations. The duplicate notification shall be submitted to the CPM at the same time it is submitted to the District.	upon occurrence		As Required	LECEF				Not Started
AQ	31	PRE-OP		AQ-34		The project owner/operator shall provide duplicate notification to the CPM of all breakdown notifications provided to the District, as required by District breakdown regulations. The project owner/operator shall also include all breakdown reports for each quarter as part of the quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	32	OP			Recordkeeping: The owner/operator shall maintain the records listed in AQ-32. The format of the records is subject to District review and approval	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.	Upon request		As Required	LECEF				Access
AQ	33	OP			The owner/operator shall maintain all records required by this permit for a minimum period of five years from the date of entry and shall make such records readily available for District inspection upon request.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.	Upon request		As Required	LECEF				Access
AQ	34(a)	PRE-OP		AQ-34	The owner/operator shall submit to the District a written report for each calendar quarter, within 30 days of the end of the quarter, which shall include the items listed in AQ-34.	The owner/operator shall submit to the District and the CPM for approval, written reports for each calendar quarter, within thirty (30) days of the end of the quarter.	Quarterly		4/30/13	LECEF				AQ-34
AQ	34(b)	PRE-OP		AQ-34		The report submitted in January of each year shall include an annual summary of the four quarterly reports of the preceding year.	Annual		1/30/14	LECEF				AQ-34
AQ	35	PC			The project owner shall provide 23.35 tons of valid NO _x emission reduction credits prior to the issuance of the Authority to Construct.	At least 10 days prior to the issuance of the ATC, the project owner/operator shall submit all necessary ERC certificates to the District and provide copies of all documentation to the CPM at the same time.	Prior to the issuance of the ATC	10		LECEF	1/12/11 District 2/18/11 CPM	2/28/2011NA		Complete
AQ	36	PRE-OP		AQ-34	The owner/operator shall apply for and obtain all required operating permits from the District in accordance with the requirements of the District's rules and regulations.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34	Quarterly		4/30/13	LECEF				AQ-34
AQ	37				DELETED					N/A	LECEF	N/A	N/A	Complete
AQ	38				DELETED					N/A	LECEF	N/A	N/A	Complete

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AQ	39	OP		AQ-34	The project owner shall not operate S-5 Fire Pump Diesel Engine more than 50 hours per year for reliability related activities.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34	Quarterly		4/30/13	LECEF				AQ-34
AQ	40	OP		AQ-34	The project owner shall operate S-5 Fire Pump Diesel Engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State, or Federal emission limit, or for reliability related activities (maintenance and other testing, but excluding emission testing).	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34	Quarterly		4/30/13	LECEF				AQ-34
AQ	41	OP			The project owner shall operate S-5 Fire Pump Diesel Engine only when a nonresettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.	The project owners shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.	Upon request		As Required	LECEF				Access
AQ	41	OP		AQ-34		Submit photos of the meter in quarterly reports.	Quarterly		4/30/13	LECEF				AQ-34
AQ	42	OP			The project owner shall maintain the following monthly records as set forth in AQ-42, as amended, in a District approved log for at least 60 months from the date of entry. Log entries shall be retained on site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.	Upon request		As Required	LECEF				Access
AQ	43	PRE-OP			The owner/operator shall operate the facility such that maximum calculated annual toxic air contaminant emissions (pursuant to AQ-45) from the gas turbines and HRSGs combined (S-1, S-2, S-3, S-4, S-7, S-8, S-9, and S-10) do not exceed the limits of AQ-43, <u>unless the following requirement is satisfied</u> : The owner/operator performs a health risk assessment, as set forth in AQ-43, and the District and CPM adjust the carcinogenic compound emission limits. The analysis shall be submitted to the District and the CEC CPM within 60 days of the source test date.	See Condition of Certification AQ-44.	after source testing	60	7/26/13	LECEF				Not Started
AQ	43(b)	PRE-OP			The project owner/operator may request the District and CPM to revise the carcinogenic compound emission limits specified above. If the project owner demonstrates to the satisfaction of the APCO that these revised emission limits will result in a cancer risk of or more than 1.0 in a one million, the District and CPM may, at their discretion, adjust the carcinogenic compound emission limits listed above.		as Required		As Required	LECEF				Not Started
AQ	44	OP			To demonstrate compliance with AQ-43, the owner/operator shall calculate and record on an annual basis the maximum projected annual emissions for the compounds specified in AQ-43 using the maximum heat input of 18,215,000 MMBtu/year and the highest emission factor (pound of pollutant per MMBtu) determined by any source test of the S-1, S-2, S-3 & S-4 Gas Turbines and S-7, S-8, S-9, and S-10 HRSGs.	Within 60 days of the completion of any health risk assessment, the owner/operator shall submit a complete report to the District and the CPM for review.	After completion of any health risk assessment (Do after source testing)	60		LECEF				Not Started
AQ	44(b)	OP			If this calculation method results in an unrealistic mass emission rate the applicant may use an alternate calculation, subject to District approval.		As Required		As Required	LECEF				Not Started
AQ	45 (a)	PRE-OP			<u>Within 60 days of startup</u> of the Los Esteros Critical Energy Facility and on a biennial (once every two years) thereafter, the owner/operator shall conduct a District-approved source test at exhaust point P-1, P-2, P-3, or P-4 while the Gas Turbines are at maximum allowable operating rates to demonstrate compliance with AQ-44.	At least 20 days prior to the intended source test date, the owner/operator shall submit a source testing methodology to the District and CPM for review and approval.	Prior to the intended source test date (Sept/Oct 2012)	20	3/26/13	LGC				Not Started

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AQ	45 (b)	OP			Within 60 days of startup of the Los Esteros Critical Energy Facility and <u>on a biennial (once every two years) thereafter</u> , the owner/operator shall conduct a District-approved source test at exhaust point P-1, P-2, P-3, or P-4 while the Gas Turbines are at maximum allowable operating rates to demonstrate compliance with AQ-44.	At least 20 days prior to the intended source test date, the owner/operator shall submit a source testing methodology to the District and CPM for review and approval.	2 yrs after initial source test date	730	4/15/15	LECEF				Not Started
AQ	45 (c)	PRE-OP				Within 30 days of the source testing date, all test results shall be submitted to the District and the CEC CPM.	After the source testing date	30	5/15/13	LECEF				Not Started
AQ	45 (d)	OP				If three consecutive biennial source tests demonstrate that the annual emission rates for any of the compounds listed above calculated pursuant to part 45 are less than the BAAQMD Toxic Risk Management Policy trigger levels shown below, then the project owner may discontinue future testing for that pollutant.	After 3 consecutive biennial tests							Not Started
AQ	46	PRE-OP		AQ-34	The project owner shall properly install and maintain the cooling towers to minimize drift losses. The project owner shall equip the cooling towers with high efficiency mist eliminators with a maximum guaranteed drift rate of 0.0005%. The maximum total dissolved solids (TDS) measured at the base of the cooling towers or at the point of return to the wastewater facility shall not be higher than 6,000 ppmw (mg/l).	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.	Quarterly		4/30/13	LECEF				AQ-34
AQ	46(b)	OP			The owner/operator shall sample and test the cooling tower water at least once per day to verify compliance with the TDS limit.		upon operation of CT	daily						Not Started
AQ	47 (a)	OP		AQ-34	The owner/operator shall perform a visual inspection of the cooling tower drift eliminators at least once per calendar year, and repair or replace any drift eliminator components which are broken or missing.		Annual		1/30/14	LECEF				AQ-34
AQ	47 (b)	PRE-OP			Prior to the initial operation of the combined-cycle Los Esteros Critical Energy Facility, the owner/operator shall have the cooling tower vendor's field representative inspect the cooling tower drift eliminators and certify that the installation was performed in accordance with the manufacturer's design and specifications.		Prior to the start of operation	1	5/11/13	LECEF	10/16/2012			Submitted
AQ	47 (c)	PRE-OP			Within 60 days of the initial operation of the cooling tower the owner/operator shall perform an initial performance source test to determine the PM10 emission rate from the cooling tower to verify compliance with the vendor-guaranteed drift rate specified in AQ-46.		After the initial operation of the cooling tower (Jan. 2013)	60	7/11/13	LECEF				Not Started
AQ	47 (d)	OP		AQ-34		The project owner/operator shall verify compliance with this Condition of Certification in the fourth quarter report of each year required by Condition of Certification AQ-34. Note: Have CTD write letter stating that it has been installed to spec.	Annual		1/30/14	LECEF				AQ-34
AQ	47 (e)	OP			The CPM may, in years 5 and 15 of cooling tower operation, require the owner/operator to perform source tests to verify continued compliance with the vendor-guaranteed drift rate specified in AQ-46.		5 yrs after CT operation							Not Started

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BIOLOGICAL RESOURCES														
BIO	1	PC			Site and related facilities (including any access roads, transmission lines, water and gas lines, storage areas, staging areas, pulling sites, substations, wells, etc) mobilization activities for the combined cycle facility shall not begin until an Energy Commission CPM approved Designated Biologist or approved Biological Monitor(s) are available to be on-site.	At least 35 days prior to the start of any site and related facilities mobilization activities for the combined cycle facility, the project owner shall submit to the CPM for approval the name, qualifications, address, and telephone number of the individual selected by the project owner as the Designated Biologist.	Prior to the start of mobilization	35	4/4/11	LECEF	12/17/2010	2/8/2011		Complete
BIO	1	CONS				If a designated biologist is replaced, the information on the proposed replacement as specified in the Condition must be submitted in writing at least 10 working days prior to the termination or release of the preceding designated biologist.	prior to termination of preceding DB	10	As Required				NOT NEEDED TO DATE	Not Started
BIO	2 (a)	CONS		MCR	The CPM approved Designated Biologist shall perform the requirements of BIO-2 during any site and related facilities mobilization, construction, and operation activities for the combined cycle facility	During site and related facilities mobilization and construction the Designated Biologist shall maintain written records of the tasks described in BIO-2, and summaries of these records shall be submitted along with the Monthly Compliance Reports to the CPM.	Monthly		First Monday of each month	LECEF				MCR
BIO	2 (b)	OP		ACR	The CPM approved Designated Biologist shall perform the requirements of BIO-2 during any site and related facilities mobilization, construction, and operation activities for the combined cycle facility	During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report.	Annual		1/30/13	LECEF				ACR
BIO	2 (c)	CONS		MCR		During site and related facilities mobilization and construction for the combined cycle facility, the Designated Biologist shall submit reports when warranted along with the MCR to the CPM.	Monthly		First Monday of each month	LECEF				MCR
BIO	3 (a)	CONS			The project owner's Construction/Operation Manager for the combined cycle facility shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the Biological Resources Conditions of Certification.	Within 2 working days of a Designated Biologist or Biological Monitor(s) notification of non-compliance with a Biological Resources COC or a halt of construction or operation, the project owner shall notify the CPM by telephone of the circumstances and actions being taken to resolve the problem or the non-compliance with a condition.	After notification of non-compliance with a Biological Resources COC	2	As Required	LECEF			NOT NEEDED TO DATE	Not Started
BIO	3 (b)	OP			The project owner's Construction/Operation Manager for the combined cycle facility shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the Biological Resources Conditions of Certification.	For any necessary corrective action taken by the project owner, a determination of success or failure will be made by the CPM within five working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made.	After notification of non-compliance with a Biological Resources COC	5	As Required	LECEF			NOT NEEDED TO DATE	Not Started
BIO	4 (a)	PC			The project owner shall develop and implement a CPM approved Worker Environmental Awareness Program in which each of its employees, as well as employees of contractors and subcontractors who work on the project or related facilities during site mobilization, construction and operation of the combined cycle facility, are informed about sensitive biological resources associated with the project.	At least 30 days prior to the start of any site and related facilities mobilization, the project owner shall provide two copies of the WEAP and all supporting written materials and electronic media reviewed or prepared by the Designated Biologist and the name and qualifications of the person(s) administering the program to the CPM for approval.	Prior to the start of mobilization	30	4/9/11	LECEF	1/12/2011-Initial 1/17/2011-Revised 2/18/2011-Revised	2/28/2011		Complete
BIO	4 (b)	CONS		MCR		The project owner shall state in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	Monthly		First Monday of each month	LGC				MCR
BIO	4 (c)	CONS				The signed statements for the mobilization and construction phase shall be kept on file by the project owner and made available for examination by the CPM for a period of at least six months after the start of commercial operations.	On File / Available Upon request		As Required	LECEF				Access
BIO	4 (c)	OP				During project operation, signed statements for active project operational personnel shall be kept on file for six months, following the termination of an individual's employment.	On File / Available Upon request		As Required	LECEF				Access
BIO	5	PC			Prior to start of any site or related facilities mobilization activities of the interior side of the levee, the project owner shall acquire a Streambed Alteration Agreement from the CDFG if required, or show CDFG correspondence that indicates no permit is required.	At least 30 days prior to the start of any site or related facilities mobilization activities on the interior side of the levee the project owner shall submit to the CPM a copy of the final CDFG Streambed Alteration Agreement or applicable CDFG correspondence.	Prior to the start of any mobilization activities on the interior side of the levee	30	Phase 1	LECEF		11/15/2010		Complete

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
BIO	6	PC			The project owner will acquire and implement the terms and conditions of the Regional Water Quality Control Board Section 401 State Clean Water Act certification, if required.	No less than 30 days prior to the start of any site or related facilities mobilization activities on the interior side of the levee, the project owner will provide the CPM with a copy of the final RWQCB certification.	Prior to the start of any mobilization activities on the interior side of the levee	30	Phase 1	LECEF		11/15/2010		Complete
BIO	7	PC			The project owner shall provide a final copy of the Section 404 permit, if required. The project owner will implement the terms and conditions contained in the permit.	No less than 30 days prior to the start of any site and related facilities mobilization of the interior side of the levee, the project owner shall submit to the CPM a copy of the permit required to fill on-site wetlands.	Prior to the start of any mobilization activities on the interior side of the levee	30	Phase 1	LECEF		11/15/2010		Complete
BIO	8 (a)	PC			The project owner shall submit to the CPM for review and approval a copy of the final BRMIMP and shall implement the measures identified in the plan. Any changes to the adopted BRMIMP must be made by the Energy Commission staff, in consultation with the USFWS and CDFG.	At least 30 days prior to start of any site or related facility mobilization activities for the combined cycle facility, the project owner shall provide the CPM with 2 copies of the draft final version of the BRMIMP for this project, and provide copies to the USFWS and CDFG.	Prior to the start of mobilization	30	4/9/11	LECEF	1/27/2010-Initial 3/9/2011-Revised	4/7/2011	1/27/11 submitted to USFW & CDFG	Complete
BIO	8 (a)	PC				The CPM, in consultation with the USFWS and CDFG, will determine the plan's acceptability within 15 days of receipt. If some construction has been authorized by the CPM to start, and if submitted, then these permits shall be submitted to the CPM, the CDFG and USFES within 5 days of their receipt and the BRMIMP shall be revised or supplemented to reflect the permit condition within 10 days of their receipt by the project owner. The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the BRMIMP to obtain CPM approval.	as required		As Required				NOT NEEDED TO DATE	Not Started
BIO	8 (c)	PRE-OP				Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which mitigation and monitoring plan items are still outstanding.	After completion of project construction	30	7/25/13	LECEF/CH2 Emt.				Not Started
BIO	9	OP			The project owner will incorporate into the planned permanent or unexpected permanent closure plan measures that address the local biological resources.	At least 12 months (or a mutually agreed upon time) prior to the commencement of closure activities construction, the project owner shall address all biological resources related issues associated with facility closure in a Biological Resources Element.	Prior to site closure	365	As Required	LECEF				Not Started
BIO	10	PC			The project owner will implement the mitigation measures identified in BIO-10.	All mitigation measures and their implementation methods will be included in the BRMIMP. Two copies of the CPM approved BRMIMP must be provided to the CPM five days prior to site mobilization and copies provided to the USFWS and CDFG.	Prior to the start of mobilization	5	5/4/11	LECEF	4/8/2011	4/13/2011		Complete
BIO	10(b)	POST-CONS				Provide a post-construction compliance report, within 45 calendar days of completion of the project, to the CPM.	After completion of project construction	45	8/9/2013					Not Started
BIO	10(c)	CONS				Contact the San Francisco Bird Observatory two weeks prior to beginning construction of the stormwater outfall at the levee wall to arrange alternative access to the bird banding site.	prior to construction of the levee wall	14	Phase 1					Phase 1?
BIO	11 (a)	PC			The applicant shall survey for burrowing owl activities on the 34 acre parcel and along all new ancillary linear facilities prior to site mobilization to assess owl presence and need for further mitigation.	Burrowing owl surveys shall be conducted in accordance with CDFG guidelines (California Burrowing Owl Consortium, 1993), 29 within 30 days prior to any project-related ground disturbance activities. (Verification change approved 6-8-11 C. Hoffman)	Prior to ground disturbance	30	4/1/11	LECEF	4/13/2011	4/19/2011		Complete

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
BIO	11 (b)	PC				If ground-disturbing activities are delayed or suspended for more than 30 days after the pre-construction survey, the site will be resurveyed. At least 15-10 days prior to project related ground disturbance the project owner shall provide the CPM and CDFG with the burrowing owl survey results and identify any lands proposed for mitigation (if applicable). The land purchase shall be approved by the CPM and reviewed by CDFG. (Verification change approved 6-8-11 C. Hoffman)	Prior to ground disturbance	10	4/21/11	LECEF	4/18/2011 / 5/30/12	4/19/2011		Complete
BIO	11 (c)	PC				The project owner shall notify the CPM five working days before implementing any modifications to the BRMIMP.	as Required	5	As Required				NOT NEEDED TO DATE	Not Started
BIO	12	PC			Prior to the start of any site mobilization for the simple-cycle facility, the project owner shall develop the Ordinance and Native Mature Tree Replacement Plan for Inclusion into the BRMIMP.	At least 30 day prior to the start of any site and related facilities mobilization, the project owner shall provide to the CPM for review and approval, and to CDFG for review, a Ordinance and Native Mature Tree Replacement Plan as part of the BRMIMP.	Prior to the start of simple-cycle mobilization	30	4/9/11	LECEF	1/27/2011	4/11/2011		Complete
BIO	13	CONS			The project owner will acquire a City of San Jose permit to remove any remaining ordinance trees from the simple cycle facility site.	The terms and conditions of the City of San Jose permit(s) will be incorporated into the project's BRMIMP and submitted at least 90 days prior to removal of any remaining ordinance trees	prior to removal of any remaining ordinance trees	90		LGC	1/27/2011			Submitted
BIO	14	POST-CONS			After construction, the laydown area will be stripped of any armoring material, the surface scarified, and topsoil restored. Barley seed will be sowed as a temporary cover crop, but native seeds from the topsoil will be allowed to sprout and grow.	The applicant shall provide the revegetation plan in the BRMIMP and submit it within 60 days after the start of any site and related facilities mobilization.	After the start of mobilization	60	7/8/11	LECEF	1/27/2011			Submitted
BIO	15	PC			Construction of the permanent outfall to Coyote Creek shall be scheduled to avoid critical seasons. Surveys by a qualified biologist will be conducted prior to any construction activities on the interior side of the levee to locate nests and other resources in/or adjacent to the stormwater right-of-way.	The applicant shall provide this measure as an amendment to the BRMIMP and as part of the roles for the Designated Biologist. Submittals of construction plans must occur 30 days prior to site mobilization on the interior side of the levee wall, but does not preclude the start of construction on the facility site.	Prior to the start of any mobilization activities on the interior side of the levee	30	Phase 1	LECEF		11/15/2010		Complete
BIO	16	PC			To compensate for impacts to serpentine soils and associated endemic species, the project owner shall provide a minimum of 40 acres of land within a high priority (as defined by USFWS) or occupied USFWS Critical Habitat Unit, the name of the entity that will be managing the land in perpetuity, and the endowment funds in the amount determined suitable from the Center for Natural Lands PAR analysis to administer and manage in perpetuity.	Within one month of project certification of the simple-cycle facility, the project owner must provide to the CPM for approval, the name of the management entity, written verification that the compensation lands have been purchased and written verification that the appropriate endowment fund (determined by the PAR analysis) has been received by the approved management entity.	After project certification of the simple-cycle facility	30	Phase 1	LECEF		11/15/2010		Complete
BIO	17 (a)	CONS			The applicant will complete a Landscaping Plan for review by the CPM. The project owner shall follow the approved Landscaping Plan during the lifetime of the power plant.	At least 45 days prior to LECEF landscape installation, a Landscaping Plan will be sent to the CPM. All mitigation measures and their implementation methods will be included in the BRMIMP.	Prior to LECEF landscape installation	45	Phase 1	LECEF	See BRMIMP Supplement to Phase 1 dated 3/8/2011	Where applicable		Phase 1?
BIO	17 (b)	CONS				Two copies of the BRMIMP must be provided to the CPM and one copy each provided to both the USFWS and CDFG five days prior to landscape installation.	Prior to LECEF landscape installation	5	Phase 1	LECEF				Phase 1?
BIO	18 (a)	POST-CONS			The project owner shall provide a final copy of the Section 10 permit from the U.S. Fish and Wildlife Service (if required) to the CPM. The project owner will implement the terms and conditions contained in the permit and incorporate these into the BRMIMP.	The applicant shall provide the CPM with a status report of the Section 10 permit every six months beginning January 2006 until the permit is obtained or is no longer necessary. The status report shall include a table of milestones and the dates milestones were completed or are expected to be completed.	bi-annually		As Required	LECEF	4/7/2011 - permit			Complete
BIO	18 (b)	POST-CONS				No less than 30 days after receiving the permit (if required), the project owner shall provide two unbound copies of the Section 10 permit to the CPM.	After receiving the permit	30	4/10/11	LECEF	4/7/2011			Submitted

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BIO	19 (a)	PC			The project owner shall create a Burrowing Owl Management Plan (Plan) and incorporate the provisions from the Plan into the BRMIMP for review by the CPM.	All mitigation measures and their implementation methods will be included in the BRMIMP.	as required		As Required	LECEF	1/27/2010-Initial 3/9/2011-Revised	4/7/2011		Complete
BIO	19 (b)	OP		ACR		The annual compliance report shall provide the CPM with the name and phone number of the landscape maintenance crew supervisor.	Annual		1/30/13	LECEF				ACR
BIO	20	CONS		MCR	During construction of the combined cycle facility, the project owner shall distribute flyers to project-construction employees informing them of the possible presence of burrowing owls near Thomas Foon Chew Way. The project owner shall highlight that the posted speed limit is 15 mph along Thomas Foon Chew Way.	All mitigation measures and their implementation methods will be included in the BRMIMP. The monthly compliance report shall include the number of possible speed limit violations. The CPM reserves the right to inspect the primary access road for signs and to contact the construction manager to correct problems.	Monthly		First Monday of each month	LECEF				MCR
BIO	21 (a)	PC			The project owner shall submit the resume and contact information of the proposed Biological Monitor(s) to the CPM for review.	The project owner shall submit the specified information to the CPM for review at least 30 days prior to the start of any site (or related facilities) mobilization.	Prior to the start of mobilization	30	4/9/11	LECEF	1/16/2011	1/28/2011		Complete
BIO	21 (b)	CONS		MCR		The Designated Biologist shall submit a written statement to the CPM confirming that individual Biological Monitor(s) have been trained including the date when training was completed as part of the MCR or annual reporting.	Monthly		First Monday of each month	LECEF	1/16/2011			MCR
BIO	21 (c)	CONS				If additional biological monitors are needed during construction the specified information shall be submitted to the CPM for review 10 days prior to their first day monitoring activities.	Prior to new monitor activities	10	As Required	LECEF			NOT NEEDED TO DATE	Not Started
BIO	22	PC			The project owner must surrender to the BAAQMD a package of emission offsets which contain at least 27.945 tons per year nitrogen oxide.	At least 60 days prior to construction, the project owner/operator must surrender the ERC certificates and provide copies to the CPM. The total emission offsets that are nitrogen based must be clearly identified in the cover letter.	Prior to the start of construction	60	3/10/11	LECEF	3/9/2011	4/11/2011		Complete

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CULTURAL RESOURCES														
CUL	1 (a)	PC			Prior to the start of ground disturbance, the project owner shall provide the California Energy Commission Compliance Project Manager (CPM) with the name and resume of its Cultural Resources Specialist (CRS), and an alternate CRS, if an alternate is proposed, who will be responsible for implementation of all cultural resources conditions of certification.	At least 45 days prior to the start of ground disturbance, the project owner shall submit the name and statement of qualifications of its CRS and alternate CRS, if an alternate is proposed, to the CPM for review and approval.	Prior to the start of ground disturbance	45	3/17/11	LECEF	12/17/2010 4/28/2011	2/16/2011		Complete
CUL	1(b)	CONS				At least 10 days prior to the termination or release of the CRS, the project owner shall submit the resume of the proposed new CRS to the CPM for review and approval.	prior to release of CRS	10	As Required				NOT NEEDED TO DATE	Not Started
CUL	1 (c)	PC				At least 20 days prior to ground disturbance, the CRS shall provide a letter naming anticipated monitors for the project and stating that the identified monitors meet the minimum qualifications for cultural resource monitoring required by this condition.	Prior to the start of ground disturbance	20	4/11/11	LECEF	1/16/2011	2/8/2011		Complete
CUL	1 (d)	PC				At least 10 days, prior to the start of ground disturbance, the project owner shall confirm in writing to the CPM that the approved CRS will be available for onsite work and is prepared to implement the cultural resources conditions of certification.	Prior to the start of ground disturbance	10	4/21/11	LECEF	2/15/2011	3/8/2011		Complete
CUL	2 (a)	PC			Prior to the start of ground disturbance, the project owner shall provide the CRS and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities.	At least forty days prior to the start of ground disturbance, the project owner shall provide the designated cultural resources specialist and the CPM with the maps and drawings.	Prior to the start of ground disturbance	40	3/22/11	LGC	3/10/2011	3/16/2011		Complete
CUL	2 (b)	PC			If construction of this project will proceed in phases, maps and drawings may be submitted in phases. A letter identifying the proposed schedule of each project phase shall be provided to the CPM and the CRS.	If this is to be a phased project, a letter identifying the proposed schedule of the ground disturbance or construction phases of the project shall also be submitted.	Prior to the start of ground disturbance	40	3/22/11	LGC	3/10/2011	3/16/2011		Complete
CUL	2 (a)	CONS			Prior to implementation of additional phases of the project, current maps and drawings shall be submitted to the CPM and the CRS.	At least 30 days prior to the start of ground disturbance on each phase of the project, following initial ground disturbance, copies of maps and drawings reflecting additional phases of the project, shall be provided to the CPM for review and approval.	Prior to the start of ground disturbance on each phase of the project	30	As Required	LGC				Not Started
CUL	2 (b)	CONS		MCR	At a minimum, the CRS shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked during the next week, until ground disturbance is completed. A current schedule of anticipated project activity shall be provided to the CRS on a weekly basis during ground disturbance and provided to the CPM in each Monthly Compliance Report (MCR).		Monthly		First Monday of each month	LGC				MCR
CUL	2 (c)	CONS				If there are changes to the scheduling of the construction phases of the project, a letter shall be submitted to the CPM within 5 days of identifying the changes.	After identifying the changes	5	As Required	LGC				Not Started
CUL	3	PC			Prior to the start of project construction-related vegetation clearance or earth disturbing activities or project site preparation; the designated cultural resources specialist shall prepare, and the project owner shall submit to the CPM for review and approval a Cultural Resources Monitoring and Mitigation Plan (CRMMP) identifying general and specific measures to minimize potential impacts to sensitive cultural resources has been approved by the CPM		Prior to the start of project construction-related vegetation clearance or earth disturbing activities and site preparation	1	4/30/11	LECEF	1/17/2011-Initial 3/8/2011-Revised	4/28/2011		Complete

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CUL	4 (a)	PC			Worker Environmental Awareness Training for all new employees shall be conducted prior to and during periods of ground disturbance.	At least 30 days prior to ground disturbance, the project owner shall provide a letter to the CPM stating that employees will not begin work until they have completed environmental training and that a sticker on hard hats will identify workers who have received training.	Prior to the start of ground disturbance	30	4/1/11	LECEF	1/12/2011-Initial 1/17/2011-Revised	2/28/2011		Complete
CUL	4 (b)	CONS		MCR	Workers shall sign an acknowledgement form that they have received training and a sticker shall be placed on hard hats indicating that environmental training has been completed.	Copies of acknowledgement forms signed by trainees shall be provided in the MCR.	Monthly		First Monday of each month	LGC				MCR
CUL	5 (a)	CONS			The project owner shall ensure that the CRS, alternate CRS, or monitors shall monitor ground disturbance full time in the vicinity of the project site, linears and ground disturbance at laydown areas to ensure there are no impacts to undiscovered resources.	During the ground disturbance phases of the project, if the CRS wishes to reduce the level of monitoring occurring at the project, a letter or e-mail identifying the area(s) where the CRS recommends the reduction and justifying the reductions in monitoring shall be submitted to the CPM for review and approval.	If a reduction is recommended		As Required	LECEF				Ongoing
CUL	5 (b)	CONS		MCR	Those individuals conducting cultural resources monitoring shall keep a daily log describing the construction activities, areas monitored, soils observed, and any cultural materials observed.	During the ground disturbance phases of the project, the project owner shall include in the MCR to the CPM copies of the daily cultural resource monitoring reports. Copies of daily logs shall be retained.	Monthly		First Monday of each month	LECEF				MCR
CUL	5 (c)	CONS			The CRS shall notify the project owner and the CPM, by telephone or e-mail, of any incidents of non-compliance with any cultural resources conditions of certification within 24 hours of becoming aware of the situation.	Within 24 hours of recognition of a non-compliance issue, the CRS shall notify the CPM by telephone of the problem and of steps being taken to resolve the problem.	After recognition of a non-compliance issue	1	As Required	LECEF			NOT NEEDED TO DATE	Not Started
CUL	5 (d)	CONS		MCR		In the event of a non-compliance issue, a report written no sooner than two weeks after resolution of the issue that describes the issue, resolution of the issue and the effectiveness or the resolution measures, shall be provided in the next MCR.	Monthly		First Monday of each month	LECEF			NOT NEEDED TO DATE	MCR
CUL	5 (e)	CONS			A Native American monitor shall be obtained to monitor activities if Native American archeological materials are discovered. Informational lists of concerned Native Americans and Guidelines for monitoring shall be obtained from the Native American Heritage Commission.	When Native American archeological materials are discovered, the project owner shall send notification to the CPM identifying the person(s) retained to conduct Native American monitoring.	Upon discovery		As Required	LECEF			NOT NEEDED TO DATE	Not Started
CUL	6 (a)	PC			The designated cultural resource specialist or the specialist's delegated monitor(s) shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered during project construction-related vegetation clearance or earth disturbing activities or project site preparation or if known cultural resources will be affected in an unanticipated manner.	At least 30 days prior to the start of project construction-related vegetation clearance or earth disturbing activities and site preparation; the project owner shall provide the CPM with a letter confirming that the designated cultural resources specialist and delegated monitor(s) have the authority to halt construction activities in the vicinity of a cultural resource find. The project owner shall also provide to the CPM, for review and written approval, a set of work curtailment procedures to be followed in the event that previously unknown cultural resources are discovered during construction.	Prior to the start of project construction-related vegetation clearance or earth disturbing activities and site preparation	30	4/1/11	LECEF	1/18/2011	2/16/2011		Complete
CUL	6 (b)	CONS			If any cultural resources are encountered, the project owner shall notify the CPM within 24 hours.		After discovery	1	As Required	LECEF			NOT NEEDED TO DATE	Not Started
CUL	7				DELETED		N/A	N/A	N/A	LECEF	N/A	N/A		Complete
CUL	8	CONS			The project owner shall ensure that the designated cultural resource specialist performs the testing, recovery preparation for analysis, analysis, preparation for curation, and delivery for curation of cultural resource materials encountered and collected during pre-construction surveys, testing and during the monitoring, data recovery, mapping, and mitigation activities related to the project.	If archeological materials are found, the project owner shall maintain in its compliance files, copies of signed contracts or agreements with the museum(s), university(ies), or other appropriate research specialists. The project owner shall maintain these files for the life of the project and the files shall be kept available for periodic audit by the CPM. Information as to the specific location of sensitive cultural resource site shall be kept confidential and accessible only to qualified cultural resource specialists.	Upon discovery		As Required	LECEF			NOT NEEDED TO DATE	Not Started

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CUL	9 (a)	CONS			After completion of the project, the project owner shall ensure that the CRS prepares a Cultural Resources Report (CRR) according to the Archaeological Resource Management Reports Guidelines as recommended by the California Office of Historic Preservation.	After completion of the project, the project owner shall ensure that the CRS completes the CRR within ninety days following completion of the analysis of the recovered cultural materials.	after completion of the project	90	As Required	LECEF				Not Started
CUL	9(b)	CONS				After completion of the project, the project owner shall ensure that the CRS completes the CRR within ninety days following completion of the analysis of the recovered cultural materials. Within seven days after completion of the report, the project owner shall submit the CRR to the CPM for review and approval.	After completion of the report	7	As Required	LECEF				Not Started
CUL	9 (c)	CONS				Within 30 days after receiving approval of the CRR, the project owner shall provide to the CPM documentation that the report has been sent to the State Historic Preservation Officer and the appropriate archaeological information center(s).	After receiving approval of the CRR	30	As Required	LECEF				Not Started
CUL	10 (a)	CONS			If significant cultural resource deposits are encountered through testing or project monitoring, the project owner shall ensure that all cultural resource materials, maps, and data collected during data recovery and mitigation for the project are delivered to a public repository that meets the US Secretary of Interior requirements for the curation of cultural resources following the filing of the CPM-approved CRR with the appropriate entities. The project owner shall pay any fees for curation required by the repository.	The project owner shall ensure that all significant recovered cultural resource materials and a copy of the CRR are delivered for curation. Significance will be determined after consultation with the CPM. The project owner shall provide a copy of the transmittal letter received from the curation facility and provide a copy to the CPM within thirty days after receipt.	After receipt	30	As Required	LECEF			NOT NEEDED TO DATE	Not Started
CUL	10 (b)	CONS				For the life of the project, the project owner shall maintain in its compliance files copies of signed contracts or agreements with the public repository to which the project owner has delivered for curation all cultural resource materials collected during testing, data recovery and mitigation for the project.	Upon discovery		As Required	LECEF			NOT NEEDED TO DATE	Not Started
CUL*	11	PC			Prior to any additional project-related activities which may result in ground disturbance, the project owner must ensure that the area(s) to be impacted have been subject to a cultural resource surveys for this project, if current (within 5 years) surveys for those areas do not already exist. If significant cultural resources will be affected then mitigation measures will be determined in consultation with the CPM.	The project owner shall provide the results of any additional cultural resource surveys and evaluations in the form of a technical report (with request for confidentiality if needed), along with any associated maps, to the CPM at least thirty (30) before any project-related construction is to take place. All required mitigation will be completed prior to construction.	Prior to the start of construction	30	As Required	LECEF	Jun-12			Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
FACILITY DESIGN														
GEN														
GEN	1 (a)	PRE-OP	X		The project owner shall design, construct and inspect the project in accordance with the 2010 CBCS which and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Within 30 days after receipt of the Certificate of Occupancy, the project owner shall submit to the Compliance Project Manager (CPM) a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Energy Commission's Decision have been met in the area of facility design.	After receipt of Certificate of Occupancy	30		LGC				Not Started
GEN	1 (b)	PRE-OP				The project owner shall provide the CPM a copy of the Certificate of Occupancy within 30 days of receipt from the CBO.	After receipt of Certificate of Occupancy	30		LGC				Not Started
GEN	1 (c)	PC				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 to be performed on any portion(s) of the completed facility which may require CBO approval for the purpose of complying with the above stated codes.	Prior to the start of construction After receipt of Certificate of Occupancy	30	4/9/11	LECEF	1/27/2011	2/11/2011		Complete
GEN	2 (a)	PC	X		Prior to submittal of the initial engineering designs for CBO review, the project owner shall furnish to the CPM and to the CBO a preliminary schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	At least 30 days prior to the start of rough grading, the project owner shall submit to the CBO and to the CPM the preliminary schedule, the Master Drawing List, and the Master Specifications List of documents for major structures and equipment (see GEN-2, Table 1) to be submitted to the CBO for review and approval.	Prior to the start of rough grading	30	4/1/11	LGC	3/17/2011	4/6/2011		Complete
GEN	2 (b)	CONS		MCR		The project owner shall provide schedule updates in the Monthly Compliance Report.	Monthly		First Monday of each month	LECEF				MCR
GEN	3	CONS		MCR	The project owner shall make payments to the CBO for design review, plan check and construction inspection based upon a reasonable fee schedule to be negotiated between the project owner and the CBO.	The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next Monthly Compliance Report indicating that the applicable fees have been paid.	Monthly		First Monday of each month	LECEF				MCR
GEN	4 (a)	PC	X		The project owner shall assign a California registered architect, structural engineer or civil engineer, as a Resident Engineer (RE), to be in general responsible charge of the project.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the name, qualifications and registration number of the RE and any other delegated engineers assigned to the project.	Prior to the start of rough grading	30	4/1/11	LGC	2/28/2011	3/4/2011		Complete
GEN	4 (b)	PC				The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.	After CBO approval	5	3/9/11	LECEF	3/17/2011	4/4/2011		Complete
GEN	4 (c)	CONS				If the RE or delegated engineer(s) are 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.	After reassignment or replacement	5	As Required	LGC	4/23/2012	4/24/2012		Complete
GEN	4(d)	CONS				The project owner shall notify the CPM of the CBO's approval of the new engineer within five (5) days of the approval.	After CBO approval	5	4/29/12	LECEF	4/26/2012		J. Barton resume submitted	Submitted
GEN	5 (a)	PC	X		Prior to the start of rough grading, the project owner shall assign at least one of each of the following California registered engineers to the project: A) a civil engineer; B) a soils engineer, or a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) an engineering geologist.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer and engineering geologists assigned to the project.	Prior to the start of rough grading	30	4/1/11	LGC	3/11/2011/	3/22/2011		Complete
GEN	5 (b)	PC	X		Prior to the start of construction, the project owner shall assign at least one of each of the following California registered engineers to the project: D) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; E) a mechanical engineer; and F) an electrical engineer.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of construction, the project owner shall submit to the CBO for review and approval, resumes and registration numbers of the responsible design engineer, mechanical engineer and electrical engineer assigned to the project.	Prior to the start of construction	30	4/9/11	LGC	3/11/2011	3/22/2011		Complete

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
GEN	5 (c)	CONS		MCR		The project owner shall notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval in the next Monthly Compliance Report. (Verification change approved 4/20/12 J. Walter (CITS 21769))	Monthly		First Monday of each month	LECEF	3/22/2011	4/7/2011		MCR
GEN	5 (d)	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.	After reassignment or replacement	5	As Required	LGC				Ongoing
GEN	5 (e)	CONS		MCR		The project owner shall notify the CPM of the CBO's approval of the new engineer within five (5) days of the approval in the next Monthly Compliance Report. (Verification change approved 4/20/12 J. Walter (CITS 21769)).	Monthly		First Monday of each month	LGC				MCR
GEN	6 (a)	CONS	X		Prior to the start of an activity requiring special inspection the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2001 CBC, Chapter 17 [Section 1701, Special Inspections; Section, 1701.5 Type of Work (requiring special inspection)]; and Section 106.3.5, Inspection and observation program. Weld inspectors shall be certified by the American Welding Society and/or the American Society of Mechanical Engineers	At least 15 days (or project owner and CBO approved alternative timeframe) prior to the start of an activity requiring special inspection, the project owner shall submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth above.	Prior to start of activity requiring special inspection	15	As Required	LGC				Ongoing
GEN	6 (b)	CONS		MCR		The project owner shall also submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next Monthly Compliance Report.	Monthly		First Monday of each month	LGC				MCR
GEN	6 (c)	CONS				If the special inspector 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.	After reassignment or replacement	5	As Required	LGC				Ongoing
GEN	6 (d)	CONS				The project owner shall notify the CPM of the CBO's approval of the newly assigned inspector within five (5) days of the approval.	After CBO approval	5	As Required					Ongoing
GEN	7 (a)	CONS	X	MCR	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 the corrective action required. The discrepancy documentation shall be submitted to the CBO for review and approval.	The project owner shall transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next Monthly Compliance Report.	Monthly		First Monday of each month	LGC				MCR
GEN	7 (b)	CONS		MCR		If any corrective action is disapproved, the project owner shall advise the CPM, within five days in the next Monthly Compliance Report. (Verification change approved 4/20/12 J. Walter (CITS 21769)) the reason for disapproval and the revised corrective action to obtain CBO's approval.	After receipt of disapproval	5	As Required	LGC				Not Started
GEN	8 (a)	CONS	X	MCR	The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval.	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next Monthly Compliance Report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans.	Monthly		First Monday of each month	LGC				MCR

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
GEN	8 (b)	CONS				After storing final approved engineering plans, specifications and calculations as described above, the project owner shall submit to the CPM a letter stating that the above documents have been stored and indicate the storage location of such documents.	Due around COD		8/8/13	LGC				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
CIVIL														
CIVIL	1 (a)	PC	X		The project owner shall submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications, signed and stamped by the responsible civil engineer; and 4. Soils Report, Geotechnical Report of Foundation Investigations Report required by the 2001 CBC.	At least 15 days (or project owner and CBO approved alternative timeframe) prior to the start of site grading, the project owner shall submit the documents described above to the CBO for review and approval.	Prior to start of site grading	15	4/16/11	LGC	3/18/2011	4/27/2011		Complete
CIVIL	1 (b)	CONS		MCR		In the next Monthly Compliance Report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	Monthly		First Monday of each month	LGC				MCR
CIVIL	2 (a)	CONS	x		The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or 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 notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Upon discovery	1	As Required	LGC			NOT NEEDED TO DATE	Not Started
CIVIL	2 (b)	CONS		MCR	The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval to resume earthwork and construction in the affected areas in the next Monthly Compliance Report. (Verification change approved 4/20/12 J. Walter (CITS 21769))	Monthly		First Monday of each month	LGC			NOT NEEDED TO DATE	MCR
CIVIL	3 (a)	CONS	x		The project owner shall perform inspections in accordance with the 2001 CBC. All plant site-grading operations shall be subject to inspection by the CBO and the CPM. If, in the course of inspection, it is discovered that the work is not being done in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report (NCR), and the proposed corrective action for review and approval.	Upon discovery	5	As Required	LGC				Not Started
CIVIL	3 (b)	CONS	x		The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, noncompliance items, and the proposed corrective action.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM.	After resolution	5	As Required	LGC				Ongoing
CIVIL	3 (c)	CONS		MCR		A list of NCRs, for the reporting month, shall be included in the following Monthly Compliance Report.	Monthly		First Monday of each month	LGC				MCR
CIVIL	4 (a)	CONS	x		After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes), for the erosion and sedimentation control work.	Within 30 days (or project owner and CBO approved alternative timeframe) of the completion of the erosion and sediment control mitigation and drainage work, the project owner shall submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes.	After completion (end of project) of final grading	30	6/13/13	LGC				Not Started
CIVIL	4 (b)	CONS		MCR		The project owner shall submit a copy of the CBO's approval to the CPM in the next Monthly Compliance Report.	Monthly		First Monday of each month	LGC				MCR

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
STRUC														
STRUC	1 (a)	CONS	x		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. Construction of any structure or component shall not commence until the CBO has approved the lateral force procedures.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 1 of Condition of Certification GEN-2, the project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Prior to the start of any increment of construction of any structure or component from Facility Design Table 1	30	As Required	LGC	3/17/2011			Ongoing
STRUC	1 (b)	CONS		MCR		The project owner shall submit to the CPM, in the next Monthly Compliance Report a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in compliance with the requirements set forth in the applicable engineering LORS.	Monthly		First Monday of each month	LGC				MCR
STRUC	2 (a)	CONS	x		The project owner shall submit to the CBO the following documents related to work that has undergone CBO design review and approval: 1. Concrete cylinder strength test reports 2. Concrete pour sign-off sheets; 3. Bolt torque inspection reports 4. Field weld inspection reports; and 5. Reports covering other structural activities requiring special inspections shall be in accordance with the 2001 CBC	If a discrepancy is discovered in any of the STRUC-2 data, the project owner shall, 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.	Upon discovery	5	As Required	LGC				Not Started
STRUC	2 (b)	CONS	x			Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	After receipt	5	As Required	LGC				Ongoing
STRUC	2 (c)	CONS		MCR		The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days in the next Monthly Compliance Report. Verification change approved 4/20/12 J. Walter (CITS 21769)	Monthly		First Monday of each month	LGC				MCR
STRUC	2 (d)	CONS		MCR		If disapproved, the project owner shall advise the CPM, within five days in the next Monthly Compliance Report. Verification change approved 4/20/12 J. Walter (CITS 21769) , the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.	Monthly		First Monday of each month	LGC				MCR
STRUC	3 (a)	CONS	x		The project owner shall submit to the CBO design changes to the final plans required by the 2010 CBC , and 2010 CBC Information on plans and specifications, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give the CBO prior notice of the intended filing	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM.	As required by the CBO		As Required	LGC				Not Started
STRUC	3 (b)	CONS		MCR		The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	Monthly		First Monday of each month	LGC				MCR
STRUC	4 (a)	CONS	x		Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in Chapter 3, Table 3-E of the 2010 CBC shall, at a minimum, be designed to comply with the requirements of that Chapter.	At least 30 days (or project owner and CBO approved alternate timeframe) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials, the project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Prior to the installation of tanks/vessels	30		LGC				Ongoing
STRUC	4 (b)	CONS		MCR		The project owner shall send copies of the CBO approvals of plan checks to the CPM in the following Monthly Compliance Report. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly		First Monday of each month	LGC				MCR

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
MECH														
MECH	1 (a)	CONS	x		The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in Facility Design Table 1, Condition of Certification GEN 2. The submittal shall also include applicable QA/QC procedures.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of major piping or plumbing construction listed in Facility Design Table 1, Condition of Certification GEN-2, the project owner shall submit to the CBO for design review and approval the final plans, specifications and calculations, including a copy of the signed and stamped statement for the responsible mechanical engineer certifying compliance with the applicable LORS.	Prior to the start of any increment of major piping or plumbing construction	30	As Required	LGC	3/8/2011			Ongoing
MECH	1 (b)	CONS		MCR		Send the CPM a copy of the transmittal letter in the next Monthly Compliance Report	Monthly		First Monday of each month	LGC				MCR
MECH*	1 (c)	CONS	x	MCR	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of said construction.	The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Monthly		First Monday of each month	LGC				MCR
MECH*	2 (a)	CONS	x		For all pressure vessels installed in the plant, the project owner shall submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of on-site fabrication or installation of any pressure vessel, the project owner shall submit to the CBO for review and approval, the documents listed in MECH-2 including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM	Prior to the start of on-site fabrication or installation of any pressure vessel	30		LGC				Ongoing
MECH	2 (b)	CONS	x	MCR	Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of said installation.	The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	Monthly		First Monday of each month	LGC				MCR
MECH*	3 (a)	CONS	x		The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, shall be identified with the appropriate manufacturer's data sheets	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of construction of any HVAC or refrigeration system, the project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes with a copy of the transmittal letter to the CPM.	Prior to the start of construction of any HVAC or refrigeration system	30		LGC				Ongoing
MECH	3 (b)	CONS	x		Upon completion of any increment of construction, the project owner shall request the CBO's inspection and approval of said construction.		when completed of any increment		As Required	LGC				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
ELEC														
ELEC	1 (a)	CONS	X		Prior to the start of any increment of electrical construction for electrical equipment and systems 480 volts and higher, listed below, with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, the project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for design review and approval of the above listed documents.	Prior to start of each increment of electrical construction	30	As Required	LGC				Ongoing
ELEC	1 (b)	CONS	X		The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS		As required by the CBO		As Required	LGC				Ongoing
ELEC	1 (c)	CONS		MCR		The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.	Monthly		First Monday of each month	LGC				MCR
ELEC	1 (d)	CONS				Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project.	Upon request		As Required	LECEF				Access

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
GENERAL CONDITIONS														
COM	1	ALL			Unrestricted Access	The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site.	Upon request		As Required	LECEF				Access
COM	2	ALL			Compliance Record	The project owner shall maintain project files onsite. Energy Commission staff and delegate agencies shall be given unrestricted access to the files. The files shall contain copies of all "as built" drawings, all documents submitted as verification for conditions, and all other project-related documents.	Upon request		As Required	LECEF				Access
COM	3	ALL			Compliance Verification Submittals	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether the condition was satisfied by work performed by the project owner or his agent. Cover letters consistent with the COM-3 are required for all compliance submittals.	As required		As Required	LECEF				Ongoing
COM	4 (a)	PC			Pre-construction Matrix, Tasks Prior to Start of Construction, and Compliance Reporting	Prior to commencing construction a compliance matrix addressing only those conditions that must be fulfilled before the start of construction shall be submitted by the project owner to the CPM. This matrix will be included with the project owner's first compliance submittal, and shall be submitted prior to the first preconstruction meeting, if one is held. It will be in the same format as the compliance matrix referenced below. Construction shall not commence until the pre-construction matrix is submitted, all pre-construction conditions have been complied with, and the CPM has issued a letter to the project owner authorizing construction.	Prior to the start of construction	1	5/8/11	LECEF		12/15/2010		Complete
COM	4 (b)	PC			Employee Orientation	Environmental awareness orientation and training will be developed for presentation to new employees during project construction as approved by Energy Commission staff and described in the conditions for Biological, Cultural, and Paleontological resources. At the time this training is presented, the project owner's representative shall present information about the role of the Energy Commission's delegate Chief Building Official (CBO) for the project. The role and responsibilities of the CBO to enforce relevant portions of the Energy Commission Decision, the CBSC, and other relevant building and health and safety requirements shall be briefly presented. As part of that presentation, new employees shall be advised of the CBO's authority to halt project construction activities, either partially or totally, or take other corrective measures, as appropriate, if the CBO deems that such action is required to ensure compliance with the Energy Commission Decision, the CBSC, and other relevant building and health and safety requirements.	Prior to the start of construction	30	4/9/11	LECEF	1/17/2011	3/9/2011		Complete
COM	5	ALL		MCR/ACR	Compliance Matrix	The project owner shall submit a compliance matrix (in a spreadsheet format) with each monthly and annual compliance report which includes the status of all compliance conditions of certification.	Monthly		First Monday of each month	LECEF				MCR/ACR
COM	6	CONS		MCR	Monthly Compliance Report	During construction, the project owner shall submit Monthly Compliance Reports (MCRs) which include specific information. The first MCR is due the month following the Commission business meeting date on which the project was approved and shall include an initial list of dates for each of the events identified on the Key Events List found in the CEC decision for Phase 2, page 60.	Monthly		First Monday of each month	LGC/LECEF				MCR
COM	7	OP		ACR	Annual Compliance Report	After construction ends and throughout the life of the project, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports.	Annual		1/30/13	LECEF				ACR

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
COM	8 (a)	PC			Construction and Operation Security Plan	At least 14 days prior to commencing construction, the project owner shall submit a Security Plan for the construction phase.	Prior to the start of construction	14	4/25/11	LGC	3/31/2011	4/4/2011		Complete
COM	8 (b)	PRE-OP			Construction and Operation Security Plan	At least 30 days prior to the initial receipt of hazardous material on site, the project owner shall submit a Security Plan & Vulnerability Assessment for the operational phase.	Prior to receipt of hazardous materials (Oct/Nov. 2012)	30	3/30/13	LGC/LECEF	9/18/2012			Submitted
COM	9	ALL			Confidential Information	Any information the project owner deems confidential shall be submitted to the Dockets Unit with an application for confidentiality.	as required		As Required	LECEF				Ongoing
COM	10	PC			Department of Fish and Game Filing Fee	The project owner shall pay a filing fee of \$850 at the time of project certification.	At the time of certification	1		LECEF		3/23/2011		Complete
COM	11 (a)	PC			Reporting of Complaints, Notices, and Citations	Prior to the start of construction, the project owner must send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints or concerns.	Prior to the start of construction	1	5/8/11	LECEF	4/1/2011	4/5/2011		Complete
COM	11 (b)	OP			Reporting of Complaints, Notices, and Citations	The telephone number shall be posted at the project site and made easily visible to passersby during operation. The telephone number shall be provided to the CPM who will post it on the Energy Commission's web page. Any changes to the telephone number shall be submitted immediately to the CPM who will update the web page.	Immediately upon complaint		As Required	LECEF				Complete
COM	11 (c)	ALL			Reporting of Complaints, Notices, and Citations	Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.	After receipt	10	As Required	LECEF			NOT NEEDED TO DATE	Not Started
COM	12	OP			Planned Closure	The project owner shall submit a closure plan to the CPM at least twelve months prior to commencement of a planned closure.	Prior to site closure	365	As Required	LECEF				Not Started
COM	13	PRE-OP			Unplanned Temporary Closure/On-Site Contingency Plan	The project owner shall resubmit an on-site contingency plan for CPM review and approval. The plan shall be submitted within 60 days (or other time agreed to by the CPM) after certification. The approved plan must be in place within 120 days after recertification of project operation of the facility and shall be kept at the site at all times.	After certification	60		LECEF	3/15/2011	3/16/2011		Complete
COM	14	PRE-OP			Unplanned Permanent Closure/On-Site Contingency Plan	A closure plan, consistent with the requirements for a planned closure, shall be developed and submitted to the CPM within 90 days of the permanent closure or another period of time agreed to by the CPM.	After permanent facility closure	90	As Required	LECEF				Phase 1?

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
HAZARDOUS MATERIALS MANAGEMENT														
HAZ	1	OP		ACR	The project owner shall not use any hazardous material in any quantity or strength not listed in Appendix B (AFC Tables 8.5-2 and 8.5.5) appended to the end of these Conditions unless approved in advance by the CPM.	The project owner shall provide to the CPM in the Annual Compliance Report, a list of all hazardous materials used and stored at the facility.	Annual		1/30/13	LECEF				ACR
HAZ	2	PRE-OP			The project owner shall provide an updated RMP, if required by regulation, and an updated HMBP, which shall include the building chemical inventory as per the AFC, to Santa Clara County and the CPM for review at the time the RMP plan is first submitted to the EPA, if required. The project owner shall include all recommendations of Santa Clara County and the CPM in final documents. Final plans shall be provided to the City of San Jose and the CPM.	At least 30 days prior to the commencement of construction receiving any hazardous material on the site for commissioning or operations of Phase 2, the project owner shall provide the final RMP and HMBP plans described above to the CPM for approval. (Verification change approved 6-8-11 C. Hoffman)	Prior to the delivery Prior to the commencement of construction of Phase 2	30	3/30/13	LECEF				Not Started
HAZ	3	PRE-OP			The project owner shall update the Safety Management Plan for delivery of aqueous ammonia and sodium hypochlorite associated with Phase 2 and shall submit this plan to the CPM for approval.	At least 60 days prior to the delivery to the facility of aqueous ammonia and sodium hypochlorite, which are specified for use in Phase 2 operations, the project owner shall provide the Safety Management Plan to the CPM for review and approval.	Prior to the delivery	60	2/28/13	LECEF	8/23/2012			Submitted
HAZ	4	PRE-OP			The aqueous ammonia storage facility shall be designed to both the ASME Pressure Vessel Code and ANSI K61.6, or to API 620. In either case, the storage tank(s) shall be protected by a secondary containment basin capable of holding 110% of the primary container if a single container is used, or in the case of multiple containers, 150% of the volume of the largest container.	At least 60 days prior to delivery of aqueous ammonia to the facility that is specified for use in Phase 2 operations, the project owner shall submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the CPM for review and approval.	Prior to the delivery	60	2/28/13	LGC	8/24/2012			Submitted
HAZ*	5	PRE-OP			The project owner shall direct all vendors delivering aqueous ammonia to the site to use only transport vehicles that meet or exceed the specifications of DOT Code MC-307.	At least 60 days prior to receipt of aqueous ammonia on-site, the project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	Prior to the delivery	60	2/28/13	LECEF	8/23/2012	11/6/2012	NEED TO SUBMIT ACTUAL LETTERS TO VENDORS	Submitted
HAZ*	6	PRE-OP			The project owner shall ensure that no combustible or flammable material is stored within 100 feet of the sulfuric acid tank.	At least 30 days prior to receipt of sulfuric acid on-site, the Project Owner shall provide to the CPM for review and approval copies of the facility design drawings showing the location of the sulfuric acid storage tank and the location of any tanks, drums, or piping containing any combustible or flammable material and the route by which such materials will be transported through the facility.	Prior to receipt of sulfuric acid	30	3/30/13	LGC				Not Started
HAZ*	7	PRE-OP			The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM (SR237 to Zanker Road to the facility) consistent with Condition TRANS-3.	At least 60 days prior to receipt of any hazardous materials onsite, the project owner shall submit to the CPM for review and approval, a copy of the letter to be mailed to the vendors. The letter shall state the required transportation route limitation.	Prior to receipt of any hazardous materials (Oct 2012 from dates above)	60	2/28/13	LGC	8/23/2012	11/6/2012	NEED TO SUBMIT ACTUAL LETTERS TO VENDORS	Submitted
HAZ	8 (a)	PRE-OP			The project owner shall require that the gas pipeline undergo a complete design review and detailed inspection 30 years after initial startup and each 5 years thereafter.	At least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide an outline of the plan to accomplish a full and comprehensive pipeline design review to the CPM for review and approval.	Prior to the initial flow of gas	30	Phase 1	LECEF	9/18/2012		Submitted Letter to CPM stating this COC does not apply since met in Phase 1	Submitted
HAZ	8 (b)	PRE-OP				The full and complete plan shall be amended, as appropriate, and submitted to the CPM for review and approval, not later than one year before the plan is implemented by the project owner.	prior to plan implementation by owner	365	Phase 1					Phase 1?
HAZ	8 (c)	OP				For subsequent inspections, the project owner shall provide to the CPM for review and approval any plan amendments, or a letter indicating there are none, at least one year before implementing the subsequent inspections.	Prior to subsequent annual inspections	365	As Required	LECEF				Not Started
HAZ	8 (d)	OP			Complete design review and detailed inspection 30 yrs after initial startup and each 5 years thereafter.		30 yrs after initial gas startup							Phase 1?

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
HAZ	9 (a)	OP			After any significant seismic event in the area where surface rupture occurs within one mile of the pipeline, the gas pipeline shall be inspected by the project owner.	At least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide to the CPM a detailed plan to accomplish a full and comprehensive pipeline inspection in the event of an earthquake for review and approval.	Prior to the initial flow of gas	30	Phase 1	LECEF	9/18/2012		Submitted Letter to CPM stating this COC does not apply since met in Phase 1	Submitted
HAZ	9 (b)	OP				The plan shall be amended, as appropriate, and submitted to the CPM for review and approval, at least every five years.	After flow of gas	5 yrs.		LECEF				Phase 1?
HAZ*	10	PRE-OP			The natural gas pipeline shall be designed to meet CPUC General Order 112-D&E and 58 A standards, or any successor standards, and will be designed to meet Class III service. The pipeline will be designed to withstand seismic stresses and will be leak surveyed annually for leakage.	Prior to the introduction of natural gas into the pipeline, the project owner shall submit design and operation specifications of the pipelines to the CPM for review and approval.	Prior to the initial flow of gas	no due date	Phase 1	LECEF	9/18/2012		Submitted Letter to CPM stating this COC does not apply since met in Phase 1	Submitted
HAZ*	10(b)	OP			The pipeline will be leak surveyed annually for leakage.		Annual	365						Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
LAND USE														
LAND	1	ALL			To help maintain public access and recreation adjacent to the project site, the project owner shall fund an endowment through a one-time payment of up to \$23,000, as determined by the CPM, to be used for the repair of the paved bikeway immediately adjacent to Highway 237, between Zanker Road and Coyote Creek ("Bikeway").	The project owner shall transmit the funds requested by the CPM within 90 days following receipt of the request and forward a copy of the transmittal letter to the CPM.	Following receipt of the request	90		LECEF		8/10/2010		Complete
NOISE AND VIBRATION														
NOISE	1	PC			At least 15 days prior to the start of ground disturbance, the project owner shall notify all residents within one-half mile of the site, by mail or other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement, signed by the project manager, stating that the above notification has been performed, and describing the method of that notification, verifying that the telephone number has been established and posted at the site, and giving that telephone number.	Prior to ground disturbance	15	4/16/11	LECEF	4/1/2011	4/21/2011		Complete
NOISE	1(a)	OP			This telephone number shall be maintained until the project has been operational for at least one year.		upon operational	365	as required					Ongoing
NOISE	2 (a)	CONS			Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints as outlined by NOISE-2.	Within 10 days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form with the local jurisdiction and the CPM, documenting the resolution of the complaint.	After receiving a noise complaint	10	As Required	LECEF				Ongoing
NOISE	2 (b)	OP			Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints as outlined by NOISE-2.	If mitigation is required to resolve a complaint, and the complaint is not resolved within a 3-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	When mitigation is implemented	none stated	As Required	LECEF				Ongoing
NOISE	3	PC			The project owner shall submit to the CPM for review and approval a noise control program.	At least 30 days prior to the start of ground disturbance, the project owner shall submit to the CPM the noise control program.	Prior to ground disturbance	30	4/1/11	LECEF	1/31/2011	2/10/2011		Complete
NOISE*	4	PRE-OP			The project owner shall equip steam blow piping with a temporary silencer that quiets the noise of steam blows to no greater than 89 dBA measured at a distance of 50 feet.	At least 15 days prior to the first steam blow, the project owner shall submit to the CPM drawings or other information describing the temporary steam blow silencer and the noise levels expected, and a description of the steam blow schedule.	Prior to the first steam blow	15	3/20/13	LGC				Not Started
NOISE	5 (a)	PRE-OP			Prior to the first steam blow(s), the project owner shall notify all residents and business owners within one-half mile of the site of the planned steam blow activity, and shall make the notification available to other area residents in an appropriate manner.	Project owner shall notify residents and businesses at least 15 days prior to the first steam blow(s).	Prior to the first steam blow	15	3/20/13	LECEF				Not Started
NOISE	5 (b)	CONS			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.	Within five days of notifying these entities, the project owner shall send a letter to the CPM confirming that local residents and businesses have been notified of the planned steam blow activities, including a description of the method(s) of that notification.	After notification	5	1/5/00	LECEF				Not Started
NOISE	6 (a)	PRE-OP			The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that operation of the project will not cause noise levels due to plant operation to exceed the values shown in NOISE-6. When the projects first achieves a sustained output of 80 percent or greater of rated capacity, the project owner shall conduct noise surveys as described in NOISE-6.	The survey shall take place within 30 days of the project first achieving a sustained output of 80 percent or greater of rated capacity.	After achieving a sustained output of 80 percent or greater of rated capacity	30		LGC				Not Started
NOISE*	6 (b)	PRE-OP				Within 30 days after completing the survey, the project owner shall submit a summary report of the survey to the CPM. The report shall describe additional mitigation measures, subject to CPM approval, necessary to achieve compliance with the NOISE-6 limits.	After completing the survey	30		LGC				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
NOISE	6 (c)	PRE-OP				When mitigation measures described in the summary report are in place, the project owner shall repeat the noise survey. Within 30 days after completing the new survey, the project owner shall submit to the CPM a summary report of the new noise survey.	After completing the new survey	30		LGC				Not Started
NOISE	7	PRE-OP			Following the project first achieving a sustained output of 80 percent or greater of rated capacity, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	Within 30 days after completing the survey, the project owner shall submit the noise survey report to the CPM. The noise survey will identify proposed mitigation measures that will be employed, if necessary.	After completing the survey	30		LECEF				Not Started
NOISE	8	PRE-OP			Pile driving and steam blows shall be restricted to the times of day delineated below: Any day 8 a.m. to 5 p.m. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.	Prior to ground disturbance	1	4/30/11	LECEF	1/18/2011	1/21/2011		Complete

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
PALEONTOLOGICAL RESOURCES														
PAL	1	PC			Prior to ground disturbance, the project owner shall ensure that the designated paleontological resource specialist approved by the CPM is available for field activities and prepared to implement the conditions of certification.	At least sixty (60) days prior to the start of construction (or a lesser number of days mutually agreed to by the project owner and the CPM), the project owner shall submit the name, statement of qualifications, and the availability for its designated paleontological resource specialist, to the CPM for review and approval.	Prior to the start of construction	60	3/10/11	LECEF	12/17/2010 / 1/13/11 amendment	2/1/2011		Complete
PAL	1 (a)	PC			The PRS shall obtain qualified paleontological resource monitors to monitor as necessary on the project.	At least twenty (20) days prior to ground disturbance, the PRS or project owner shall provide a letter with resumes naming anticipated monitors for the project and stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	Prior to ground disturbance	20	4/11/11	LECEF	1/16/2011	2/11/2011		Complete
PAL	1 (b)	CONS				If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM for approval no later than one week prior to the monitor beginning on-site duties.	Prior to additional monitor activities	7	As Required	LECEF				Not Started
PAL	1 (c)	CONS			Should emergency replacement of the designated specialist become necessary, the project owner shall immediately notify the CPM to discuss the qualifications of its proposed replacement specialist.	At least ten (10) days prior to the termination or release of a designated paleontological resource specialist, the project owner shall obtain CPM approval of the replacement specialist by submitting to the CPM the name and resume of the proposed new designated paleontological resource specialist.	Prior to the termination or release	10	As Required	LECEF				Not Started
PAL	2	PC			Prior to site mobilization, the designated PRS shall prepare a Paleontological Resources Monitoring and Mitigation Plan to identify general and specific measures to minimize potential impacts to sensitive paleontological resources, and submit this plan to the CPM for review and approval.	At least forty-five (45) days prior to the start of construction, the project owner shall provide the CPM with a copy of the PRMMP prepared by the designated PRS for review and approval.	Prior to the start of construction	45	3/25/11	LECEF	12/14/2010-Initial 12/30/2010-Revised	1/6/2011		Complete
PAL	3 (a)	PC			Prior to the ground disturbance, and throughout the project construction period as needed for all new employees, the project owner and the designated paleontological resource specialist shall prepare, and the owner shall conduct, CPM-approved training to all project managers, construction supervisors, and workers who operate ground disturbing equipment.	At least thirty (30) days prior to site mobilization, the project owner shall submit to the CPM for review and approval the proposed employee training program and the set of reporting procedures the workers are to follow if paleontological resources are encountered during project construction.	Prior to the start of mobilization	30	4/9/11	LECEF	1/12/2011-Initial 1/17/2011-Revised	2/1/2011		Complete
PAL	3 (b)	CONS		MCR	Each worker shall sign a Certification of Completion WEAP form indicating that they have received the training. A sticker that shall be placed on hard hats indicating that environmental training has been completed shall be provided to each worker that has completed the training.	Documentation for training of additional new employees shall be provided in subsequent Monthly Compliance Reports, as provided in the Certification of Completion WEAP form at the end of these conditions.	Monthly		First Monday of each month	LGC				MCR
PAL	4	CONS		MCR	The PRS and PRM(s) shall monitor consistent with the PRMMP, all construction-related grading, excavation, trenching, and augering in areas where potentially fossil-bearing materials have been identified.	The PRS shall submit the summary of monitoring and paleontological activities in the Monthly Compliance Report.	Monthly		First Monday of each month	LECEF				MCR
PAL	4(a)	CONS			PRM shall keep a daily log of monitoring of paleontological resource activities. The PRS may informally discuss paleontological resource monitoring and mitigation activities with the CPM at any time.		daily	1	As Required					Ongoing
PAL	5	CONS			The project owner, through the designated PRS, shall ensure recovery, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during the monitoring, data recovery, mapping, and mitigation activities related to the project.	The project owner shall maintain in its compliance files copies of signed contracts or agreements with the designated PRS and other qualified research specialists who will ensure the necessary data and fossil recovery, mapping, preparation for analysis, analysis, identification and inventory, and preparation for and delivery of all significant paleontological resource materials collected during data recovery and mitigation for the project.	Upon discovery		As Required	LECEF				Ongoing

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
PAL	5(a)	OP			The project owner shall maintain these files for a period of three years after completion and approval of the CPM-approved Paleontological Resources Report and shall keep these files available for periodic audit by the CPM.		Upon request		As Required	LECEF				Access
PAL	5(b)	CONS			The project owner shall be responsible to pay any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.		upon submitting fossils to museum		As Required	LECEF			NOT NEEDED TO DATE	Not Started
PAL	6	CONS			The project owner shall ensure preparation of a Paleontological Resources Report by the designated paleontological resource specialist.	Within ninety (90) days following completion of the analysis of the recovered fossil materials, the project owner shall submit a copy of the PRR to the CPM for review and approval under a cover letter stating that it is a confidential document.	Following completion of the analysis	90	As Required	LECEF				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
PUBLIC HEALTH														
PH	1	PRE-OP			The project owner shall develop and implement a Cooling Water Management Plan to ensure that the potential for bacterial growth in cooling water is controlled. The Plan shall be consistent with either Staff's "Cooling Water Management Program Guidelines" or with the Cooling Technology Institute's "Best Practices for Control of Legionella" guidelines.	At least 30 days prior to the start of commissioning of LECEF Phase 2, the project owner shall provide the Cooling Water Management Plan to the CPM for review and approval.	Prior to the start of commissioning	30		LECEF	8/27/2012			Submitted
SOCIOECONOMICS														
SOCIO	1 (a)	PC			The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the Bay Area	At least 60 days prior to the start of construction, the project owner shall submit to the Energy Commission CPM copies of contractor, subcontractor, and vendor solicitations and guidelines stating hiring and procurement requirements and procedures.	Prior to the start of construction	60	3/10/11	LGC	3/3/2011	3/8/2011		Complete
SOCIO	1 (b)	CONS		MCR		The project owner shall notify the CPM in each Monthly Compliance Report of the reasons for any planned procurement of materials or hiring outside the Bay Area that will occur during the next two months.	Monthly		First Monday of each month	LGC				MCR

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
SOIL & WATER RESOURCES														
S&W	1	PC		X	Prior to beginning any site mobilization activities, the project owner shall obtain staff approval of a final Construction Erosion and Sediment Control Plan (ESCP).	The Phase 2 ESCP shall be submitted to the CPM for review and approval and to the City of San Jose for review and comments at least 60 days prior to start of any site mobilization activities. The CPM must approve the final ESCP prior to the initiation of any site mobilization activities.	Prior to site mobilization	60	3/10/11	LECEF	3/3/2011 CEC 3/8/11 San Jose initial	4/6/2011		Complete
S&W	2 (a)	PC			The project owner shall submit a Notice of Intent for construction under the General NPDES Permit for Discharges of Storm Water Associated with Construction Activity to the State Water Resources Control Board (SWRCB), and obtain CPM approval of the related <u>Storm Water Pollution Prevention Plan (SWPPP) for Construction Activity associated with Phase 2</u> .	At least 60 days prior to the start of any site mobilization activities, <u>the Phase 2 SWPPP for Construction Activity</u> and a copy of the Notice of Intent for construction under the General NPDES Permit for Discharges of Storm Water Associated with Construction Activity filed with the SWRCB, shall be submitted to the CPM. Approval of the final SWPPP by the CPM must be received prior to initiation of any site mobilization activities.	Prior to site mobilization	60	3/10/11	LECEF	3/4/2011 CEC 3/8/11 San Jose initial	4/6/2011		Complete
S&W	2 (a)	PC		X	The project owner shall <u>submit a Notice of Intent for construction</u> under the General NPDES Permit for Discharges of Storm Water Associated with Construction Activity to the State Water Resources Control Board (SWRCB), and obtain CPM approval of the related Storm Water Pollution Prevention Plan (SWPPP) for Construction Activity associated with Phase 2.	At least 60 days prior to the start of any site mobilization activities, the Phase 2 SWPPP for Construction Activity and a <u>copy of the Notice of Intent for construction</u> under the General NPDES Permit for Discharges of Storm Water Associated with Construction Activity filed with the SWRCB, shall be submitted to the CPM. Approval of the final SWPPP by the CPM must be received prior to initiation of any site mobilization activities.	Prior to site mobilization	60	3/10/11	LECEF	3/4/2011	3/21/2011		Complete
S&W	3 (a)	PC			The project owner shall submit the following to the CPM as appropriate in association with obtaining approval for construction and operation of a storm water outfall into Coyote Creek	At least 30 days prior to construction of the storm water outfall in Coyote Creek, and if through the permitting process a Conditional Waiver of Waste Discharge Requirements is required, a Conditional Waiver of Waste Discharge Requirements shall be submitted to the CPM.	Prior to construction of the storm water outfall	30	Phase 1	LECEF				Phase 1?
S&W	3 (b)	PRE-OP			Based on a design that will only discharge storm water from nonprocess areas for operation of the storm water outfall into Coyote Creek, the project owner shall submit NOI and acceptance from the SWRCB for operating under the General NPDES Permit for Discharge of Storm Water Associated with Industrial Activity.	At least 30 days prior to the start of project operation, evidence of acceptance by the SWRCB of the Notice of Intent for operating under the General NPDES Permit for Discharges of Storm Water Associated with Industrial Activity shall be submitted to the CPM	Prior to the start of operation	30	4/12/13	LECEF				Phase 1?
S&W	3 (c)	PC			For operation of the storm water outfall into Coyote Creek, the project owner shall obtain CPM approval of the related Storm Water Pollution Prevention Plan (SWPPP) for Industrial Activity.	At least 30 days prior to construction of the permanent outfall into Coyote Creek, the project owner shall submit to the CPM for approval a revised SWPPP for Industrial Activity for the entire LECEF project including Phase 2. Approval of the revised plan by the CPM must be obtained prior to permanent outfall construction.	Prior to construction of the storm water outfall	30	As Required	LECEF				Phase 1?
S&W	4				DELETED					N/A	LECEF	N/A	N/A	Complete
S&W	5				DELETED					N/A	LECEF	N/A	N/A	Complete
S&W	6 (a)	OP		ACR	The project owner will install metering devices and/or utilize meters installed by the City of San Jose in order to record on a monthly basis the amount of recycled water used by the project. The project owner shall prepare an annual summary pursuant to SOIL & WATER-6.	The project owner will submit as part of its annual compliance report a water use summary to the CPM on an annual basis for the life of the project.	Annual		1/30/13	LECEF				ACR
S&W	6 (b)	CONS				Any significant changes in the water supply for the project during construction or operation of the plant shall be noticed in writing to the CPM at least 60 days prior to the effective date of the proposed change.	Prior to proposed change	60	As Required	LECEF				Not Started
S&W	6 (c)	OP				Any significant changes in the water supply for the project during construction or operation of the plant shall be noticed in writing to the CPM at least 60 days prior to the effective date of the proposed change.	Prior to proposed change	60	As Required	LECEF				Ongoing
S&W	6 (c)	OP			The project owner will install metering devices and/or utilize meters installed by the City of San Jose in order to record on a monthly basis the amount of recycled water used by the project.		upon usage Monthly	30	As required	LECEF				Phase 1?

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
S&W	7	PRE-OP			The project owner shall provide the CPM with all information/data necessary to satisfy the requirements of the User Agreement for Recycled Water under the SBWR Program including any additional documentation associated with recent or planned modification affecting recycled water use rates.	At least 60 days prior to initial operation, the project owner shall submit all documents needed to support the increased recycled water supply quantities for Phase 2 that are submitted to the City of San Jose, and a copy of the User Agreement with the City of San Jose to the CPM.	Prior to the start of operation	60	3/13/13	LECEF				Phase 1?
S&W	8	PRE-OP			The project owner shall provide the CPM with all information/data necessary to satisfy the requirements of the Industrial Wastewater Discharge Permit for its proposed disposal of industrial and sanitary waste into the San Jose/Santa Clara WPCP	At least 60 days prior to operation the project owner shall submit copies of all elements submitted to the City of San Jose for the Industrial Wastewater Discharge Permit.	Prior to the start of operation	60	3/13/13	LECEF				Phase 1?
S&W	8	PRE-OP				Submit a copy of the permit to the CPM when issued.	as received		as received					Not Started
S&W	9	PRE-OP			The project owner shall provide the CPM with evidence of submitting an accepted Engineer's Report for Title 22 Reclamation Requirements to the CA Department of Health Services, as applicable for obtaining unrestricted use of recycled water.	At least 30 days prior to project operation, the project owner shall submit to the CPM evidence of submitting an Engineer's Report for Title 22 Reclamation Requirements to the CA Department of Health Services.	Prior to the start of operation	30	4/12/13	LECEF				Not Started
S&W	10	PC			The project owner shall provide the CPM with evidence of pre-construction notification and consultation with the ACOE regarding compliance with Nationwide Permit #'s 7 and 33, consistent with Section 404 of the Clean Water Act, if necessary, for placement of the storm water outfall and/or temporary construction, access and dewatering in Coyote Creek.	At least 30 days prior to construction of the storm water outfall, the project owner shall submit to the CPM evidence of consultation with the ACOE and authorization from the ACOE regarding Nationwide Permits #'s 7 and 33 as needed to comply with Section 404 of the Clean Water Act.	Prior to construction of the storm water outfall	30	Phase 1	LECEF				Complete
S&W	10	PC				If Nationwide Permits #'s 7 and 33 as are required, at least 30 days prior to construction of the storm water outfall, the project owner shall submit evidence to the CPM regarding Section 401 Water Quality Certification from the SWRCB.	prior to construction of the stormwater outfall	30	Phase 1					Phase 1?

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
TRAFFIC AND TRANSPORTATION														
TRANS	1 (a)	PC			The project owner shall develop a Construction Traffic Control Plan that limits peak hour construction-period truck and commute traffic in coordination with the City of San Jose Public Works Department.	At least 60 days prior to start of site mobilization, the project owner shall provide to Santa Clara County, the City of San Jose, the CHP, and Caltrans for review and comment, and to the CPM for review and approval, a copy of its Construction Traffic Control Plan.	Prior to the start of ground disturbance	60	3/2/11	LECEF	2/24/2011	5/2/2011		Complete
TRANS	1 (b)	CONS		MCR		Every two months during the construction period, the project owner shall monitor and report the turning movements and traffic volumes for the project access roads during the AM (7 to 9 a.m.) and PM (4 to 6 p.m.) peak hours to confirm construction trip generation rates.	bi-monthly	every 2 months	As Required	LECEF			TRANS-1 Reduction in Monitoring to Ranch Rd CPM approved 3/26/12	MCR
TRANS	2	CONS		MCR	The project owner shall comply with Caltrans and other affected jurisdictions' limitations on vehicle sizes and weights. In addition, the project owner or their contractor shall obtain necessary transportation permits from Caltrans and all relevant jurisdictions for roadway use.	In the Monthly Compliance Reports, the project owner shall submit copies of any oversize and overweight transportation permits received during that reporting period.	Monthly		First Monday of each month	LGC				MCR
TRANS	2	CONS				In addition, the project owner shall retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	after start of commercial operation		as requested					Ongoing
TRANS*	3 (a)	PRE-OP		MCR/ACR	The project owner shall ensure that permits and/or licenses are secured from the CHP and Caltrans for the transport of all hazardous materials, and that all federal and state regulations for the transport of hazardous materials are observed. The project owner shall ensure that all heavy vehicles and vehicles transporting hazardous materials shall use the following route: from SR 237, exit northbound at Zanker Road, from Zanker turn right to enter the LECEF site via Thomas Foon Chew Way, the primary site access road	The project owner shall include in its <u>Monthly Compliance Reports during construction</u> and Annual Compliance Reports <u>during operations</u> copies of all permits and licenses acquired by the project owner concerning the transport of hazardous materials and copies of written documentation to transporters indicating the preferred route for delivery of hazardous materials.	Monthly		First Monday of each month	LGC				MCR
TRANS	3 (b)	OP		ACR		The project owner shall include in its Monthly Compliance Reports during construction and <u>Annual Compliance Reports during operations</u> copies of all permits and licenses acquired by the project owner concerning the transport of hazardous materials and copies of written documentation to transporters indicating the preferred route for delivery of hazardous materials.	Annual		1/30/13	LECEF				ACR
TRANS	4 (a)	PC			Prior to the construction of the power plant and all related facilities, the project owner shall develop a parking and staging plan for all phases of project construction, to enforce a policy that all project related parking occurs onsite.	At least 30 days prior to the start of site mobilization, the project owner shall submit the plan to the City of San Jose Public Works staff for review and comment, and to the CPM for review and approval. The material submitted to the CPM shall include documentation of the City's review and comments.	Prior to the start of mobilization	30	4/9/11	LGC	3/4/2012	3/14/2011		Complete
TRANS	4 (b)	CONS		MCR		MCRs submitted to the CPM shall describe the project owner's actions to ensure that this condition is being met.	Monthly		First Monday of each month	LGC				MCR
TRANS	5 (a)	OP			The project owner shall repair affected public rights-of-way (e.g., highway, road, bicycle path, pedestrian path, etc.) to original or near original condition that have been damaged due to construction activities conducted for the project and its associated facilities.	Within 60 calendar days after completion of construction, the project owner shall meet with the CPM, the affected local jurisdiction(s) and Caltrans (if applicable) to identify sections of the public right-of-way to be repaired, to establish a schedule to complete the repairs, and to receive approval for the action(s).	After completion of project construction	60	8/24/13	LGC				Not Started
TRANS	5 (b)	OP				Following completion of any public right-of-way repairs, the project owner shall provide to the CPM a letter signed by the affected local jurisdiction(s) and Caltrans stating their satisfaction with the repairs.	Following completion of any public right-of-way repairs		As Required	LECEF				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
TRANSMISSION LINE SAFETY AND NUISANCE														
TLSN*	1	CONS			The project owner shall build any future underground interconnection lines according to the requirements of CPUC's GO-128.	Thirty days before line-related ground disturbance, the project owner shall submit to the CPM a letter signed by a California registered electrical engineer affirming that the proposed line will be constructed according to the requirements of GO-128.	Prior to line-related ground disturbance	30	5/26/12	LGC	6/4/2012			Submitted
TLSN	2	CONS			The project owner shall engage a qualified consultant to measure the strengths of the magnetic fields from PG&E to LECEF's switchyard. Measurements shall be made at the same points (identified as Points A, B, C, and D) for which calculated field strength measurements were provided by the Applicant.	The project owner shall file copies of the pre-and post energization measurements with the CPM within 60 days after completion of the measurements.	After completion of the measurements	60	12/23/12	LGC			Point location modifications approved by CEC 9/4/12 - Measurements scheduled 10/24/12	Ongoing
TLSN	3	CONS			The project owner shall engage a qualified consultant to measure the strengths of the magnetic fields from PG&E to LECEF's switchyard. Measurements shall be made at the same points (identified as Points A, B, C, and D) for which calculated field strength measurements were provided by the Applicant.	The project owner shall file copies of the pre-and post energization measurements with the CPM within 60 days after completion of the measurements.	After completion of the measurements	60		LGC				Ongoing
TLSN*	3	PRE-OP			The project owner shall build the proposed overhead 230 kV interconnection lines according to the requirements of CPUC's GO-52, (and GO-128 if underground) Title 8, Section 2700 et seq. of the California Code of regulations and PG&E's EMF reduction guidelines arising from CPUC Decision 93-11-013.	Thirty days before line-related ground disturbance, the project owner shall submit to the CPM a letter signed by a California registered electrical engineer affirming that the proposed line will be constructed according to the requirements noted above.	Prior to line-related ground disturbance	30	5/26/12	LGC	6/4/2012			Submitted
TRANSMISSION SYSTEM ENGINEERING														
TSE*	1 (a)	CONS	X		The project owner shall furnish to the CPM and to the CBO a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List.	At least 60 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of construction of transmission facilities, the project owner shall submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. (Verification change approved 6-8-11 C. Hoffman)	Prior to the start of construction of transmission facilities (April/May 2012); Construction of TL begins in June	60	4/26/12	LGC	5/10/2012			Submitted
TSE	1 (b)	CONS		MCR		The project owner shall provide schedule updates in the Monthly Compliance Report	Monthly		First Monday of each month	LGC				MCR
TSE	2 (a)	PC	X		Prior to the start of construction the project owner shall assign an electrical engineer and at least one of each of the following to the project: A) a civil engineer; B) a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project.	Prior to the start of rough grading	30	4/1/11	LGC	3/11/2011	3/22/2011		Complete
TSE	2 (b)	PC				The project owner shall notify the CPM of the CBO's approvals of the engineers within five days of the approval.	After CBO approval	5	3/27/11	LECEF	3/22/2011	3/24/2011		Complete
TSE	2 (c)	CONS		MCR		If any one of the designated engineers is subsequently reassigned or replaced, the project owner has five days in which to submit the names, qualifications and registration numbers of newly assigned engineers to the CBO for review and approval. The CPM shall be notified of CBO approval within five days of approval in the next Monthly Compliance Report. Verification change approved 4/20/12 J. Walter (CITS 21769)	Monthly		First Monday of each month	LGC				MCR
TSE	3 (a)	CONS	x		The project owner shall keep the CBO informed regarding the status of engineering design and construction. If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend corrective action.	The project owner shall 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.	After CBO approval/disapproval	15	As Required	LGC				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
TSE	3 (b)	CONS		MCR		If disapproved, the project owner shall advise the CPM, within five days in the next Monthly Compliance Report. Verification change approved 4/20/12 J. Walter (CITS 21769), the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.	Monthly		First Monday of each month	LGC				MCR
TSE	4 (a)	CONS	X		For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction, the project owner shall submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS	Prior to the start of each increment of construction	30	5/26/12	LGC	6/4/2012			Submitted
TSE	4 (b)	CONS	X		The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.		At the completion of switchyard		As Required	LGC				Not Started
TSE*	4 (c)	CONS		MCR	Activities related to the power plant switchyard, outlet line and termination that are listed in TSE-4 shall be reported in the MCR.	Send the CPM a copy of the transmittal letter in the next Monthly Compliance Report	Monthly		First Monday of each month	LGC				MCR
TSE	5	CONS	X		The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed in TSE-5, as modified by subsequent amendment to the project license. (GO-128) -	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO), the project owner shall submit to the CBO for approval the items listed in TSE-5, as modified by subsequent amendment to the project license.	Prior to the start of construction of transmission facilities	60	4/26/12	LGC	6/4/2012			Submitted
TSE	5	CONS	X		The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed in TSE-5, as modified by subsequent amendment to the project license. (GO-128) -	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO), the project owner shall submit to the CBO for approval the items listed in TSE-5, as modified by subsequent amendment to the project license. d) The final DFS, including a description of facility upgrades, operational mitigation measures, and/or SPS sequencing and timing if applicable, shall be provided concurrently to the CPM and CBO	Prior to the start of construction of transmission facilities	60	4/26/12					Not Started
TSE	6	CONS	X		The project owner shall inform the CPM and CBO in writing of any impending changes, which may not conform to the requirements TSE-5 a) through g), and have not received CPM and CBO approval, and request approval to implement such changes. Construction involving changed equipment or substation configurations shall not begin without prior written approval of the changes by the CBO and CPM.	At least 60 days prior to the construction of transmission facilities, the project owner shall inform the CBO and the CPM in writing of any impending changes which may not conform to requirements of TSE-5 and request approval to implement such changes.	Prior to the start of construction of transmission facilities (by May 2012)	60	4/26/12	LGC	6/4/2012			Submitted
TSE	7 (a)	PRE-OP			The project owner shall provide Notice to the Cal-ISO and PG&E prior to synchronizing the facility with the California transmission system	The project owner shall provide copies of the Cal-ISO letter to the CPM and PG&E when it is sent to the Cal-ISO one (1) week prior to initial synchronization with the grid.	Prior to initial synchronization with the grid	7	5/4/13	LGC				Ongoing
TSE	7 (b)	PRE-OP				The project owner shall contact the Cal-ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing.	Prior to initial synchronization with the grid	1	5/10/13	LGC				Not Started
TSE	7 (c)	PRE-OP				A report of conversation with the Cal-ISO shall be provided electronically to the CPM one (1) day before synchronizing the facility with the California transmission system for the first time.	Prior to initial synchronization with the grid	1	5/10/13	LGC				Not Started

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
TSE	8 (a)	PRE-OP			The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO: a) "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities; b) An "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities; c) A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken. Documents to be signed and sealed by registered engineer as indicated in TSE-8	Prior to initial synchronization with the grid	60	7/10/13	LGC				Not Started
TSE	8 (b)	PRE-OP			In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken		Upon discovery	10	As Required	LGC				Not Started
TSE	A1	OP			The new temporary tap interconnection shall consist of an approximately 152 foot transmission line under-crossing of the two double circuit PG&E 115 kV steel pole lines (running generally North/South) immediately adjacent to the LECEF power plant Switchyard to a hard wire tap of the Nortech-PG&E Los Esteros Substation circuit utilizing three wood poles. The cable size shall be 795 ACSS.	This configuration has been implemented and conforms to existing LORS.				LECEF	10/11/2006	10/11/2006		Complete
TSE	A2	OP			To provide adequate operational reliability and flexibility for the new temporary interconnection, a three-phase disconnect/selector switch shall be installed at the interconnection tap point with the Nortech-PG&E Los Esteros Substation 115 kV line to be coordinated between Calpine and PG&E. At the interconnection tap point the switch is required for the circuit to the Nortech Substation.	The three-phase disconnect/selector switch has been installed.				LECEF	10/11/2006	10/11/2006		Complete

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
VISUAL RESOURCES														
VIS	1	PRE-OP			The project owner shall submit a plan to the CPM for review and approval and to the City of San Jose for review and comment for restoring the surface conditions of construction staging and storage areas. The plan shall include grading, contouring, and vegetation consistent with applicable plans. The project owner shall not implement the plan until receipt of written approval.	At least 45 days prior to beginning implementation of the surface restoration, the project owner shall submit the restoration plan to the CPM for review and approval and to the City of San Jose for review and comment.	Prior to beginning implementation of the surface restoration (After Construction)	45	12/24/12	LGC				Not Started
VIS	1(a)	PRE-OP				If the CPM notifies the project owner that any revisions of the plan are needed before the CPM will approve the plan, within 15 days of receiving that notification, the project owner shall submit to the CPM a revised plan.	notification of revisions	15	as required					Not Started
VIS	1(b)	PRE-OP				The project owner shall notify the CPM within 7 days after completing the surface restoration that it is ready for inspections.	after surface restoration completed	7	as required					Not Started
VIS	2 (a)	CONS			The project owner shall a) treat all project structures and buildings visible to the public in appropriate colors or hues that minimize visual intrusion and contrast by blending with the surrounding landscape, and b) ensure that those structures and buildings have surfaces that do not create glare. A specific treatment plan shall be developed for CPM approval to ensure that the proposed colors do not unduly contrast with the surrounding landscape colors. Prior to submittal of the plan to the CPM, the project owner shall submit the plan to the City of San Jose for review and comment. The project owner shall not perform the final treatment on any structures until receipt of approval of the treatment plan from the CPM.	At least 30 days prior to ordering the first structures that are color treated during manufacture, the project owner shall submit its proposed plan to the CPM for review and approval and to the City of San Jose for review and comment.	Prior to ordering the first structures that are color treated during manufacture	30		LGC	3/1/2012	3/13/2012		Complete
VIS	2 (b)	CONS			Done prior to COD	Prior to the start of commercial operation of Phase 2, the project owner shall notify the CPM that all structures treated during manufacture and all structures treated in the field are ready for inspection.	Prior to the start of operation	1	5/11/13	LGC				Not Started
VIS	2 (c)	OP		ACR		The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report. The report shall specify a) the condition of the surfaces of all buildings and structures (including the perimeter walls) at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year.	Annual		1/30/13	LECEF				ACR
VIS*	3 (a)	CONS			The project owner shall provide landscaping that is effective in screening the majority of structural forms (not the upper portions of the stacks) from the following key viewing areas: (a) SR-237 and the existing bicycle trail to the south, (b) Zanker Road to the west, and (c) the proposed Bay Trail alignments to the east. The project owner shall not implement the plan until receipt of approval from the CPM. However, the planting must be completed as soon as practical without impeding construction and consistent with the revised landscaping plan presented on May 20, 2002.	The final project landscaping plan shall be prepared under the direction of the Architectural Committee. At least 30 days prior to installing the landscaping, the project owner shall submit the plan to the CPM for review and approval and the City of San Jose for review and comment.	Prior to installing the landscaping	30	Phase 1	LECEF				Phase 1?
VIS	3(b)	CONS				If the CPM notifies the project owner that any revisions of the submittal are needed before the CPM will approve the plan, within 30 days of receiving that notification, the project owner shall prepare and submit to the CPM a revised submittal.	prior to notification	30	as requested					Phase 1?
VIS	3 (c)	CONS				The project owner shall notify the CPM within 7 days after completing installation of the landscaping, that the landscaping is ready for inspection.	After completing installation of the landscaping	7	Phase 1	LECEF				Phase 1?

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
VIS	3 (d)	OP		ACR		The project owner shall report landscape maintenance activities, including replacement of dead or dying screening trees and any major repairs to the berms and irrigation system, for the previous year of operation in each Annual Compliance Report.	Annual		1/30/13	LECEF				ACR
VIS	4 (a)	CONS			The project owner shall design and install all lighting such that light bulb and reflector glare is not visible from public viewing areas and illumination of the vicinity and the night sky is minimized during both project construction and operation. The project owner shall develop and submit lighting plans for construction and operation of the project to the CPM for review and approval and the City of San Jose for review and comment. Lighting shall not be installed before the plans are approved.	At least 15 days prior to installing the construction lighting, the project owner shall provide the construction lighting plans to the CPM for review and approval and the City of San Jose for review and comment. If the CPM notifies the project owner that revisions to the construction lighting plan are needed before the CPM will approve the plans, the project owner shall submit a revised plan within seven days of receiving that notification from the CPM.	Prior to installing the construction lighting	15	3/31/2011 8/9/2012	LGC	4/12/2011		Submitted	
VIS	4 (b)	CONS				At least 30 days before ordering the facility exterior lighting, the project owner shall provide the lighting plan to the CPM for review and approval and the City of San Jose for review and comment. If the CPM notifies the project owner that any revisions to the facility lighting plans are needed before the CPM will approve the plans, the project owner shall submit to the CPM a revised plan within 30 days of receiving the CPM's notice that revisions to the plan are required.	Prior to ordering the facility exterior lighting	30	8/18/12	LGC	8/31/2012	11/5/2012		Complete
VIS	4 (c)	CONS				The Project Owner shall notify the CPM within seven days of completing exterior lighting installation that the lighting is ready for inspection.	After completing exterior lighting installation	7	5/17/13	LGC				Not Started
VIS	4(d)	CONS				If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 15 days for construction lighting and 30 days for facility lighting of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspections.	after inspection	15-30						Not Started
VIS	4 (e)	CONS				Within 48 hours of receiving a lighting complaint, the project owner shall provide to the CPM a) a report of the complaint, b) a proposal to resolve the complaint, and c) a schedule for implementation of the proposal.	After complaint	2	As Required	LECEF				Not Started
VIS	4 (e)	CONS				The project owner shall provide a copy of the completed complaint resolution form to the CPM within 10 days of complaint resolution.	After complaint resolution	10	As Required	LECEF				Not Started
VIS	5 (a)	CONS			The project owner shall comply with the City of San Jose's requirements regarding signs visible to the public. In addition, the project owner shall install minimal signage, which shall be constructed of non-glare materials and unobtrusive colors. The project owner shall not implement the plan until the project owner receives approval of the submittal from the CPM.	At least 30 days prior to installing signage visible to the public, the project owner shall submit the plan to the CPM for review and approval and to the City of San Jose for review and comment.	Prior to installing signage visible to the public	30	Phase 1	LGC				Phase 1?
VIS	5 (b)	CONS				The project owner shall notify the CPM within 7 days after completing installation of the signage that they are ready for inspection.	After completing installation of the signage	7	Phase 1	LGC				Phase 1?
VIS	6 (a)	CONS			The project owner shall reduce the six-cell cooling tower visible vapor plumes through the use of a dry-cooling section that has a stipulated plume abatement design equivalent to or better than that depicted in the Data Request Response No. 53 Attachment VIS-3 Fogging Frequency Curve, dated April 2004.	At least 60 days prior to construction of the six-cell cooling tower, the project owner shall provide to the CPM for review and approval the specifications for the abatement system (including the fogging frequency curve) and for the meteorological monitoring and notification system and the operations protocol for its use, that will be used to ensure maximum plume abatement from the dry-cooling section of the six-cell cooling tower.	Prior to construction of the six-cell cooling tower	60	9/22/11	LECEF	10/17/2011		Complete	

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
VIS	6 (b)	OP		ACR		The project owner shall provide a written certification in each annual compliance report to demonstrate that the cooling towers have consistently been operated within the design parameters, except as necessary to prevent damage to the cooling tower.	Annual		1/30/13	LECEF				ACR
VIS	6 (c)	OP				If the CPM determines that cooling tower operation monitoring is required, then the project owner shall provide to the CPM the cooling tower operating data within 30 days of the end of the monitoring period.	After monitoring periods	30	As Required	LECEF				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
WASTE MANAGEMENT														
WASTE	1	ALL			Upon becoming aware of any impending waste management related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action.	Upon becoming aware of an impending enforcement action	10	As Required	LECEF				Not Started
WASTE	2 (a)	PC			Prior to the start of construction and operation, the project owner shall prepare and submit to the CEC CPM, for review and comment, an updated waste management plan for all wastes generated during preconstruction, construction and operation of the facility, respectively	No less than 30 days prior to the start of construction, the project owner shall submit the construction waste management plan to the CPM for review.	Prior to the start of construction	30	4/9/11	LECEF	1/27/2011	2/8/2011	5/9/12 submitted updated WMIP to CPM - Updated WMIP CEC Approved 6/6/2012	Complete
WASTE	2 (b)	PRE-OP				The operation waste management plan shall be submitted no less than 30 days prior to the start of project operation.	Prior to the start of operation	30	4/12/13	LECEF				Not Started
WASTE	2 (c)	PRE-OP				The project owner shall submit any required revisions within 20 days of notification by the CPM (or mutually agreed upon date).	notification by CPM	20	as required	LECEF				Not Started
WASTE	2 (d)	OP		ACR		In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year compared to planned management methods.	Annual		1/30/13	LECEF				ACR
WASTE	3				DELETED					N/A	LECEF	N/A	N/A	Complete
WASTE	4				DELETED					N/A	LECEF	N/A	N/A	Complete
WASTE	5	CONS		MCR	Both the project owner and its construction contractor shall obtain unique hazardous waste generator identification numbers from the Department of Toxic Substances Control prior to generating any hazardous waste.	The project owner and its construction contractor shall keep copies of the identification numbers on file at the project site and notify the CPM via the monthly compliance report of their receipt	Monthly		First Monday of each month	LGC				MCR
WASTE	6 (a)	PC			The project owner shall prepare and submit to the CEC CPM a Soils Management Plan (SMP) prior to any earthwork.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval. The SMP shall also be submitted to the Berkeley office of the DTSC or its successor for review and comment.	prior to any earthwork	45	3/17/11	LECEF	2/28/2011	3/21/2011		Complete
WASTE	6(B)	CONS			Requirements for site-specific Health and Safety Plans (HSPs) to be prepared by all contractors at LECEF.		AS REQUIRED		AS REQUIRED					Ongoing
WASTE	6 (C)	CONS			A SMP summary report, which includes all analytical data and other findings, must be submitted once the earthwork has been completed	A SMP summary shall be submitted to CPM and DTSC within 25 days of completion of any earthwork.	Near the end of construction	25	7/20/13	LECEF				Not Started
WASTE	7	OP			The project owner shall not change ownership of, rent, or lease the entire project site or a portion for non-power plant use, without first notifying the CPM and DTSC (or its successor) and performing any remediation necessary to bring that particular portion of the site or the entire site itself (as applicable) into conformance with then current site cleanup standards appropriate to the intended use of that portion or the entire site.	At least 90 days prior to the change of ownership, rental or lease of the project site or a portion for non-power plant use, the project owner shall submit such notification to the CPM and DTSC and a statement that documents that the particular portion or the entire site will meet then current cleanup standards appropriate to its intended use or a remediation plan, if required to bring that portion or the entire site into conformance with the intended use	Prior to the change of ownership	90	As Required	LECEF				Not Started

LOS ESTEROS, PHASE 2 COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CPM/CBO	Lead Response Party	Date sent to CEC, CBO or agency	Date of Approval	Comment	Compliance Status
WORKER SAFETY AND FIRE PROTECTION														
SAFETY	1 (a)	PC			The project owner shall submit to the CPM an updated Project Construction Safety and Health Program containing: <ul style="list-style-type: none"> • Construction Injury and Illness Prevention Program; • Construction Safety Program; • Construction Personal Protective Equipment Program; • Construction Exposure Monitoring Program; • Construction Emergency Action Plan; and • Construction Fire Protection and Prevention Plan. 	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the updated Project Construction Safety and Health Program.	Prior to the start of construction	30	4/9/11	LGC	3/7/2011	4/7/2011		Complete
SAFETY	1 (b)	PC			The Construction Fire Protection and Prevention Plan and the Emergency Action Plan shall be submitted to the City of San Jose Fire Dept. for review and comment prior to submittal to the CPM.	The project owner shall provide a letter from the City of San Jose Fire Dept. stating that they have reviewed and commented on the CFPPP and EAP.	Prior to the start of construction	30	4/9/11	LGC	3/8/2011	5/27/2011		Complete
SAFETY	2	PRE-OP			The project owner shall submit to the CPM an updated Project Operations and Maintenance Safety and Health Program containing the following: <ul style="list-style-type: none"> • Operation Injury and Illness Prevention Plan; • Emergency Action Plan; • Hazardous Materials Management Program; • Operations and Maintenance Safety Program; • Fire Protection and Prevention Program • Personal Protective Equipment Program The OIIPP, EAP, and PPEP shall be submitted to Cal/OSHA Consultation Service for review and comment. The OFPP and the EAP shall be submitted to the City of San Jose Fire Dept. for review and comment.	At least 30 days prior to the start of operation, the project owner shall submit to the CPM for review and approval a copy of the updated Project Operations and Maintenance Safety & Health Program.	Prior to the start of operation	30	4/12/13	LECEF				Not Started
SAFETY	2(b)	PRE-OP			The OIIPP, EAP, and PPEP shall be submitted to Cal/OSHA Consultation Service for review and comment. The OFPP and the EAP shall be submitted to the City of San Jose Fire Dept. for review and comment.		Prior to the start of operation	60	3/13/13					Not Started
SAFETY	3	PC			The project owner shall prepare and submit to the CPM an updated Operations Fire Prevention Plan describing the onsite fire protection system that will be provided in this project.	At least 30 days prior to the start of construction, the project owner shall submit to the City of San Jose Fire Department a copy of the final version of the Operations Fire Prevention Plan for review and comment and to the CPM for review and approval.	Prior to the start of construction	30	4/9/11	LECEF	3/14/2011	4/7/2011		Complete
SAFETY	4 (a)	PC			The project owner shall employ a CPM-approved Safety Monitor, who will report directly to the CBO, and who will be responsible for verifying that the CSS, as required in Worker Safety-5, implement all appropriate Cal/OSHA and Commission safety requirements specified in the evidentiary record and in Conditions Worker Safety 1, 2, and 3 of this Decision.	The project owner shall submit the Safety Monitor(s) resume(s) to the CPM for approval at least 30 days prior to site mobilization. One or more individuals may hold this position.	Prior to the start of mobilization	30	4/9/11	LECEF	4/18/2011	5/2/2011		Complete
SAFETY	4 (b)	CONS		MCR	The CPM approved Safety Monitor shall conduct a site safety inspection at least once a week during construction of permanent structures, and commissioning, unless a lesser number of inspections is approved by the CPM.		weekly		First Monday of each month	LECEF				MCR
SAFETY	4 (c)	CONS		MCR		The Safety Monitor shall submit in the Monthly Compliance Report a monthly safety inspection report	Monthly		First Monday of each month	LECEF				MCR
SAFETY	5	PC			The project owner shall provide a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, is knowledgeable of power plant construction activities and relevant laws, ordinances, regulations, and standards, is capable of identifying workplace hazards relating to the specific operations, and has authority to take appropriate action.	At least 30 days prior to the start of site mobilization, the project owner shall submit to the CPM the name and qualifications of the CSS for review and approval.	Prior to the start of mobilization	30	4/9/11	LGC	2/15/2011 8/24/2012	3/14/2011		Submitted

CONDITION OF CERTIFICATION GEN-2

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Calendar																											
						N	D	J	F	March 2013	April 2013	May 2013	June 2013	July 2013	A	S																	
MILESTONES																																	
ENGINEERING																																	
CALPINE																																	
CALPINE ENGINEERING																																	
CALPINE EQUIPMENT DELIVERIES																																	
CALPINE PLANT TURNS																																	
PROJECT MANAGEMENT																																	

LOS ESTEROS CRITICAL ENERGY FACILITY, LLC - PHASE 2 Current...		All Remaining Activities Los Esteros Critical Energy Project																																
Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	N		D		J		F		March 2013		April 2013		May 2013		June 2013		July 2013		A		S								
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	1	1	2	0	
CSK023250	4300-012, INSUL / HT TRACE - Subcontractor Quality Programs/Records Submittal Data F	5d	0%	28-Nov-12	04-Dec-12																													
CSK023230	4300-012, INSUL / HT TRACE - Review & Approve Subcontract Schedule	5d	0%	28-Nov-12	04-Dec-12																													
CSK025250	4600-004, CHEM CLEAN - Subcontractor Quality Programs/Records Submittal Data Review	5d	0%	03-Dec-12	07-Dec-12																													
CSK025225	4600-004, CHEM CLEAN - Review & Approve Subcontract HS&E Plan	5d	0%	03-Dec-12	07-Dec-12																													
CSK025230	4600-004, CHEM CLEAN - Review & Approve Subcontract Schedule	5d	0%	03-Dec-12	07-Dec-12																													
CSK205675	4200-018, PTG/COATING - Subcontractor Quality Programs/Records Submittal Data Review	5d	0%	04-Dec-12	10-Dec-12																													
CSK205630	4200-018, PTG/COATING - Review & Approve Subcontract HS&E Plan	5d	0%	04-Dec-12	10-Dec-12																													
CSK205635	4200-018, PTG/COATING - Review & Approve Subcontract Schedule	5d	0%	04-Dec-12	10-Dec-12																													
CSK022250	4300-010, AG FIRE PROT - Subcontractor Quality Programs/Records Submittal Data Review	5d	0%	10-Dec-12	14-Dec-12																													
CSK022225	4300-010, AG FIRE PROT - Review & Approve Subcontract HS&E Plan	5d	0%	10-Dec-12	14-Dec-12																													
CSK022230	4300-010, AG FIRE PROT - Review & Approve Subcontract Schedule	5d	0%	10-Dec-12	14-Dec-12																													
CSK026250	4600-005, STEAM BLOW - Subcontractor Quality Programs/Records Submittal Data Review	5d	0%	16-Jan-13	22-Jan-13																													
CSK026225	4600-005, STEAM BLOW - Review & Approve Subcontract HS&E Plan	5d	0%	16-Jan-13	22-Jan-13																													
CSK026230	4600-005, STEAM BLOW - Review & Approve Subcontract Schedule	5d	0%	16-Jan-13	22-Jan-13																													
CONSTRUCTION MANAGEMENT		177d		30-Apr-12 A	17-Jul-13	17-Jul-13, CONST																												
CSKB1230	4200-014, PE Bldg - Rel to Fab NEED DATE from Sub Schd is 3-2-12	0d	0%	29-Oct-12*																														
CSK205505	4200-018, PTG/COATING - Prep & Issue Requisition for Inquiry	2d	0%	29-Oct-12*	30-Oct-12																													
CSK031370	4400-002, UG CW PIPE - Develop Punchlist	5d	0%	29-Oct-12	02-Nov-12																													
CSK215685	4500-006, XFMR DRESSOUT - Develop Punchlist	5d	0%	29-Oct-12	02-Nov-12																													
CSK205545	4200-018, PTG/COATING - Issue Requisition For Subcontract	3d	0%	08-Nov-12	12-Nov-12																													
CSK022145	4300-010, AG FIRE PROT - Issue Requisition For Subcontract	3d	0%	12-Nov-12	14-Nov-12																													
CSK216650	4600-001, SU CRAFT LBR - Released to Mobilize	0d	0%	16-Nov-12																														
CSK031380	4400-002, UG CW PIPE - Complete Punchlist	10d	0%	05-Nov-12	16-Nov-12																													
CSK215690	4500-006, XFMR DRESSOUT - Complete Punchlist	10d	0%	05-Nov-12	16-Nov-12																													
CSK217650	4610-001, ELECT TESTING - Released to Mobilize	0d	0%	27-Nov-12																														
CSK213690	4500-001, UG ELECT - Complete Punchlist and Demob	15d	0%	12-Nov-12	04-Dec-12																													
CSK023240	4300-012, INSUL / HT TRACE - Subcontractor General Submittal Data Review	5d	0%	28-Nov-12	04-Dec-12																													
CSK025260	4600-004, CHEM CLEAN - Released to Mobilize	0d	0%	10-Dec-12																														
CSK205650	4200-018, PTG/COATING - Released to Mobilize	0d	0%	11-Dec-12																														
CSK205660	4200-018, PTG/COATING - Subcontractor General Submittal Data Review	5d	0%	06-Dec-12	12-Dec-12																													
CSK205665	4200-018, PTG/COATING - Subcontractor CSA Submittal Data Review	5d	0%	06-Dec-12	12-Dec-12																													
CSK022240	4300-010, AG FIRE PROT - Subcontractor General Submittal Data Review	5d	0%	10-Dec-12	14-Dec-12																													
CSK022245	4300-010, AG FIRE PROT - Subcontractor CSA Submittal Data Review	5d	0%	10-Dec-12	14-Dec-12																													
CSK026145	4600-005, STEAM BLOW - Issue Requisition For Subcontract	3d	0%	12-Dec-12	14-Dec-12																													
CSK022260	4300-010, AG FIRE PROT - Released to Mobilize	0d	0%	17-Dec-12*																														
CSK205655	4200-018, PTG/COATING - Site Mobilization	5d	0%	11-Dec-12	17-Dec-12																													
CSK217715	4400-004, AG BOP PIPING - RECEIVE ALL VALVES / INSTR ON SITE - 5 MO PRIOR TO	5d	0%	14-Dec-12	21-Dec-12																													
CSK021230	4200-011, MAJ CONCRETE - Subcontractor Final Submittal Data Review	10d	0%	12-Dec-12	03-Jan-13																													
CSKB1240	4200-014, PE Bldg - Detailing and Fabrication From Sub Schd is 3-2-12=>4-26-12	40d	0%	29-Oct-12	03-Jan-13																													
CSK217925	4300-003, HRSG & CONDENSOR ERECTION - Develop Punchlist	5d	0%	02-Jan-13	08-Jan-13																													
ELECTSUB1010	ELEC - CABLE TRAY SUMMARY	44d	10%	29-Jun-12 A	09-Jan-13																													
CSK217935	4300-003, HRSG & CONDENSOR ERECTION - Complete Punchlist	10d	0%	09-Jan-13	22-Jan-13																													
CSK026260	4600-005, STEAM BLOW - Released to Mobilize	0d	0%	23-Jan-13																														
CSK0213696	4200-011, MAJ CONCRETE - COMPLETE GROUP 6 CONCRETE (WHSE)	0d	0%		25-Jan-13																													
CSK217805	4500-009, SWYD RELY- Complete Punchlist & Demo from Site	15d	0%	10-Jan-13	30-Jan-13																													
CSK022280	4300-010, AG FIRE PROT - Develop Punchlist	5d	0%	25-Jan-13	31-Jan-13																													
CSK021370	4200-011, MAJ CONCRETE - Develop Punchlist	5d	0%	28-Jan-13	01-Feb-13																													

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																															
						N		D		J		F		March 2013		April 2013		May 2013		June 2013		July 2013		A		S											
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	0	1	2	2	0	1	1	2
CS3HRSG1209	HRSG3-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	1d	95%	09-Jul-12 A	29-Oct-12	HRSG3-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR																															
CS-3HRSG-FGS-PPG	Install HRSG #3 FGS Pipe - FGS Header to Duct Burner Skid	1d	90%	20-Aug-12 A	30-Oct-12	Install HRSG #3 FGS Pipe - FGS Header to Duct Burner Skid																															
CS3HRSG1117	HRSG3-Cut/Remove Insul/Liner @Stack Damper	4d	85%	10-Sep-12 A	02-Nov-12	HRSG3-Cut/Remove Insul/Liner @Stack Damper																															
NT-1110	Install Cable Tray - HRSG #3 Area	5d	90%	01-Oct-12 A	02-Nov-12	Install Cable Tray - HRSG #3 Area																															
CS-PR-BFW-PPG-001	Install Piperack BFW headers Pipe - Lines back to Reheat Bypass Valves and Back to STG	7d	20%	03-Oct-12 A	06-Nov-12	Install Piperack BFW headers Pipe - Lines back to Reheat Bypass Valves and Back to STG Area for Tie-in @ Condenser																															
NT-SCR31-10	SCR-3-1-Install Conduit	3d	0%	05-Nov-12	07-Nov-12	SCR-3-1-Install Conduit																															
NT-FGS31-10	FGS-3-1-Install Conduit	4d	0%	05-Nov-12	08-Nov-12	FGS-3-1-Install Conduit																															
NT-FGS31-20	FGS-3-1-Install Instrumentation	1d	0%	08-Nov-12	08-Nov-12	FGS-3-1-Install Instrumentation																															
CS-3HRSG-SAX-PPG	Install HRSG #3 SAX Pipe - SAX Header to HRSG & BD Tank	9d	10%	22-Oct-12 A	08-Nov-12	Install HRSG #3 SAX Pipe - SAX Header to HRSG & BD Tank																															
CS3HRSG128	UPGRADE HRSG#3 CEMS	10d	0%	27-Aug-12 A	09-Nov-12	UPGRADE HRSG#3 CEMS																															
NT-CEM31-10	CEMS-3-1-Install Conduit	1d	75%	04-Oct-12 A	09-Nov-12	CEMS-3-1-Install Conduit																															
NT-CEM31-20	CEMS-3-1-Install Instrumentation	4d	0%	06-Nov-12	09-Nov-12	CEMS-3-1-Install Instrumentation																															
NT-FGS31-31	FGS-3-1-Pull Control Cable	1d	0%	09-Nov-12	09-Nov-12	FGS-3-1-Pull Control Cable																															
NT-FGS31-51	FGS-3-1-Pull Instrumentation / Communication Cable	1d	0%	09-Nov-12	09-Nov-12	FGS-3-1-Pull Instrumentation / Communication Cable																															
CS-3HRSG-CCW-PPG	Install HRSG #3 CCW Pipe - From Existing to BFW Pumps	9d	80%	20-Aug-12 A	09-Nov-12	Install HRSG #3 CCW Pipe - From Existing to BFW Pumps																															
CS3HRSGELVE	Remove or Relocate Const. Temp Elevator	2d	0%	08-Nov-12	13-Nov-12	Remove or Relocate Const. Temp Elevator																															
CS-3HRSG-CNS-PPG	Install HRSG #3 CNS Pipe - CNS Header to HRSG	10d	0%	29-Oct-12	13-Nov-12	Install HRSG #3 CNS Pipe - CNS Header to HRSG																															
NT-CEM31-31	CEMS-3-1-Pull Control Cable	1d	50%	26-Oct-12 A	13-Nov-12	CEMS-3-1-Pull Control Cable																															
NT-FGS31-32	FGS-3-1-Term Control Cables	1d	0%	13-Nov-12	13-Nov-12	FGS-3-1-Term Control Cables																															
NT-FGS31-41	FGS-3-1-Pull Power Cable	2d	0%	09-Nov-12	13-Nov-12	FGS-3-1-Pull Power Cable																															
NT-FGS31-52	FGS-3-1-Term Communication & Instrumentation Cables	1d	0%	13-Nov-12	13-Nov-12	FGS-3-1-Term Communication & Instrumentation Cables																															
NT-FGS31-42	FGS-3-1-Term Power Cables	1d	0%	14-Nov-12	14-Nov-12	FGS-3-1-Term Power Cables																															
NT-FGS31-99	FGS-3-1-CTO	0d	0%		14-Nov-12	FGS-3-1-CTO																															
CS-3HRSG-CWS-PPG	Install HRSG #3 CWS Pipe - CWS Header to BD Sump	2d	90%	26-Oct-12 A	15-Nov-12	Install HRSG #3 CWS Pipe - CWS Header to BD Sump																															
SU01208	FGS-3-1 - CTO - Constr Comp	1d	0%	15-Nov-12	15-Nov-12	FGS-3-1 - CTO - Constr Comp																															
NT-CEM31-51	CEMS-3-1-Pull Instrumentation / Communication Cable	3d	0%	13-Nov-12	15-Nov-12	CEMS-3-1-Pull Instrumentation / Communication Cable																															
NT-DBR31-10	DBR-3-1-Install Conduit	8d	0%	05-Nov-12	15-Nov-12	DBR-3-1-Install Conduit																															
NT-DBR31-20	DBR-3-1-Install Instrumentation	1d	0%	15-Nov-12	15-Nov-12	DBR-3-1-Install Instrumentation																															
CS-3HRSG-BFW-PPG	Install HRSG #3 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG & from C	5d	20%	26-Oct-12 A	15-Nov-12	Install HRSG #3 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG & from CNS Header																															
CS-3HRSG-SSH-PPG	Install HRSG #3 SSH Pipe - Drip Leg to ST Drain Tank	7d	0%	06-Nov-12	16-Nov-12	Install HRSG #3 SSH Pipe - Drip Leg to ST Drain Tank																															
SU01209	FGS-3-1 - CTO Walkdown	1d	0%	16-Nov-12	16-Nov-12	FGS-3-1 - CTO Walkdown																															
NT-SCR31-41	SCR-3-1-Pull Power Cable	6d	0%	08-Nov-12	16-Nov-12	SCR-3-1-Pull Power Cable																															
CS-3HRSG-SSC-PPG	Install HRSG #3 SSC Pipe - Drip Leg to BD Tank	8d	0%	06-Nov-12	16-Nov-12	Install HRSG #3 SSC Pipe - Drip Leg to BD Tank																															
SU01210	FGS-3-1 - Constr Comp Punchlist Items	2d	0%	17-Nov-12	19-Nov-12	FGS-3-1 - Constr Comp Punchlist Items																															
NT-CEM31-21	CEMS-3-1-Install Tubing	2d	0%	16-Nov-12	19-Nov-12	CEMS-3-1-Install Tubing																															
NT-CEM31-32	CEMS-3-1-Term Control Cables	1d	0%	19-Nov-12	19-Nov-12	CEMS-3-1-Term Control Cables																															
NT-CEM31-52	CEMS-3-1-Term Communication & Instrumentation Cables	2d	0%	16-Nov-12	19-Nov-12	CEMS-3-1-Term Communication & Instrumentation Cables																															
NT-CEM31-99	CEMS-3-1-CTO	0d	0%		19-Nov-12	CEMS-3-1-CTO																															
SU01629	CEMS-3-1 - CTO - Constr Comp	1d	0%	20-Nov-12	20-Nov-12	CEMS-3-1 - CTO - Constr Comp																															
SU01630	CEMS-3-1 - CTO Walkdown	1d	0%	21-Nov-12	21-Nov-12	CEMS-3-1 - CTO Walkdown																															
NT-SCR31-42	SCR-3-1-Term Power Cables	3d	0%	19-Nov-12	21-Nov-12	SCR-3-1-Term Power Cables																															
NT-SCR31-99	SCR-3-1-CTO	0d	0%		21-Nov-12	SCR-3-1-CTO																															
SU01605	SCR-3-1 - CTO - Constr Comp	1d	0%	22-Nov-12	22-Nov-12	SCR-3-1 - CTO - Constr Comp																															
SU01953	Out to Tie In Permant Power to UPS	3d	0%	21-Nov-12	24-Nov-12	Out to Tie In Permant Power to UPS																															
SU01606	SCR-3-1 - CTO Walkdown	1d	0%	26-Nov-12	26-Nov-12	SCR-3-1 - CTO Walkdown																															
SU01631	CEMS-3-1 - Constr Comp Punchlist Items	2d	0%	26-Nov-12	27-Nov-12	CEMS-3-1 - Constr Comp Punchlist Items																															
NT-DBR31-51	DBR-3-1-Pull Instrumentation / Communication Cable	6d	0%	16-Nov-12	27-Nov-12	DBR-3-1-Pull Instrumentation / Communication Cable																															

█ Actual Work
 █ Critical Remaining Work
 ▾ Summary
█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																									
						N		D		J		F		March 2013	April 2013	May 2013	June 2013	July 2013	A		S																										
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0
CS-3HRSG-SSH-PPG	Install HRSG #3 SSH Pipe - Drops to Piperack SSH	13d	90%	23-Jul-12 A	27-Nov-12	Install HRSG #3 SSH Pipe - Drops to Piperack SSH																																									
CS3HRSG1221	HRSG3-Install Non-Code Piping/Vents/Drains	20d	90%	11-May-12 A	28-Nov-12	HRSG3-Install Non-Code Piping/Vents/Drains																																									
CS3HRSG1245	HRSG3-Erection Complete	0d	0%		28-Nov-12	◆ HRSG3-Erection Complete																																									
SU01607	SCR-3-1 - Constr Comp Punchlist Items	2d	0%	27-Nov-12	28-Nov-12	■ SCR-3-1 - Constr Comp Punchlist Items																																									
CS-CTO-PPG-MILE-052	CTO PRI-052 - HRSG-3-1 - HRSG # 3	0d	0%		28-Nov-12	◆ CTO PRI-052 - HRSG-3-1 - HRSG # 3																																									
NT-DBR31-31	DBR-3-1-Pull Control Cable	8d	0%	16-Nov-12	29-Nov-12	■ DBR-3-1-Pull Control Cable																																									
NT-CRS31-10	CRS-3-1-Install Conduit	10d	0%	15-Nov-12	03-Dec-12	■ CRS-3-1-Install Conduit																																									
NT-CRS31-20	CRS-3-1-Install Instrumentation	10d	0%	15-Nov-12	03-Dec-12	■ CRS-3-1-Install Instrumentation																																									
NT-DBR31-32	DBR-3-1-Term Control Cables	3d	0%	30-Nov-12	04-Dec-12	■ DBR-3-1-Term Control Cables																																									
NT-DBR31-52	DBR-3-1-Term Communication & Instrumentation Cables	5d	0%	28-Nov-12	04-Dec-12	■ DBR-3-1-Term Communication & Instrumentation Cables																																									
NT-CRS31-31	CRS-3-1-Pull Control Cable	3d	0%	03-Dec-12	05-Dec-12	■ CRS-3-1-Pull Control Cable																																									
NT-HRG31-20	Install Instrumentation - HRSG #3 Area	21d	0%	05-Nov-12	06-Dec-12	■ Install Instrumentation - HRSG #3 Area																																									
CS-3HRSG-SSH-PPG	Install HRSG #3 SSH Pipe - Drip Leg to BD Tank	20d	0%	06-Nov-12	06-Dec-12	■ Install HRSG #3 SSH Pipe - Drip Leg to BD Tank																																									
NT-DBR31-41	DBR-3-1-Pull Power Cable	4d	0%	04-Dec-12	07-Dec-12	■ DBR-3-1-Pull Power Cable																																									
CS-3HRSG-BBS-PPG	Install HRSG #3 BBS Pipe - BD Tank to/from HRSG	27d	10%	22-Oct-12 A	07-Dec-12	■ Install HRSG #3 BBS Pipe - BD Tank to/from HRSG																																									
CS-3HRSG-IAS-PPG-	Install HRSG #3 IAS Pipe - Air Drops (022 & 023, 1002 to 1006) & to Burner Skid	10d	0%	26-Nov-12	07-Dec-12	■ Install HRSG #3 IAS Pipe - Air Drops (022 & 023, 1002 to 1006) & to Burner Skid																																									
CS-CTO-PPG-MILE-051	CTO PRI-51 - PA-3-1 - HRSG # 3 PLANT / INSTRUMENT AIR	0d	0%		07-Dec-12	◆ CTO PRI-51 - PA-3-1 - HRSG # 3 PLANT / INSTRUMENT AIR																																									
NT-DBR31-21	DBR-3-1-Install Tubing	1d	0%	11-Dec-12	11-Dec-12	■ DBR-3-1-Install Tubing																																									
NT-DBR31-42	DBR-3-1-Term Power Cables	2d	0%	10-Dec-12	11-Dec-12	■ DBR-3-1-Term Power Cables																																									
NT-DBR31-99	DBR-3-1-CTO	0d	0%		11-Dec-12	◆ DBR-3-1-CTO																																									
SU01581	DBR-3-1 - CTO - Constr Comp	1d	0%	12-Dec-12	12-Dec-12	■ DBR-3-1 - CTO - Constr Comp																																									
NT-HRG31-10	Install Conduit - HRSG #3 Area	25d	0%	05-Nov-12	12-Dec-12	■ Install Conduit - HRSG #3 Area																																									
NT-1160	Install Xformer - HRSG #3 Area	1d	0%	12-Dec-12	12-Dec-12	■ Install Xformer - HRSG #3 Area																																									
NT-1170	Install Control Panels - HRSG #3 Area	4d	0%	07-Dec-12	12-Dec-12	■ Install Control Panels - HRSG #3 Area																																									
NT-CRS31-51	CRS-3-1-Pull Instrumentation / Communication Cable	8d	0%	03-Dec-12	12-Dec-12	■ CRS-3-1-Pull Instrumentation / Communication Cable																																									
SU01582	DBR-3-1 - CTO Walkdown	1d	0%	13-Dec-12	13-Dec-12	■ DBR-3-1 - CTO Walkdown																																									
SU01632	CEMS-3-1 - System Commissioning	5d	0%	10-Dec-12	14-Dec-12	■ CEMS-3-1 - System Commissioning																																									
SU01608	SCR-3-1 - System Commissioning	5d	0%	10-Dec-12	14-Dec-12	■ SCR-3-1 - System Commissioning																																									
SU01633	CEMS-3-1 - Ready for Operations	1d	0%	14-Dec-12	15-Dec-12	■ CEMS-3-1 - Ready for Operations																																									
SU01583	DBR-3-1 - Constr Comp Punchlist Items	2d	0%	14-Dec-12	15-Dec-12	■ DBR-3-1 - Constr Comp Punchlist Items																																									
SU01609	SCR-3-1 - Ready for Operations	1d	0%	14-Dec-12	15-Dec-12	■ SCR-3-1 - Ready for Operations																																									
NT-HRG31-31	Pull Control Cable - HRSG #3 Area	4d	0%	13-Dec-12	18-Dec-12	■ Pull Control Cable - HRSG #3 Area																																									
CS-CTO-PPG-MILE-055	CTO PRI-55 - BVD-3-1 - HRSG # 3 VENTS and DRAINS	0d	0%		18-Dec-12	◆ CTO PRI-55 - BVD-3-1 - HRSG # 3 VENTS and DRAINS																																									
CS-3HRSG-BBS-PPG	Install HRSG #3 BBS Pipe - BD Tank to HRSG Closure Weld at HRSG	7d	0%	10-Dec-12	18-Dec-12	■ Install HRSG #3 BBS Pipe - BD Tank to HRSG Closure Weld at HRSG																																									
CS-3HRSG-BFW-PPG	Install HRSG #3 HP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	27d	40%	11-Oct-12 A	19-Dec-12	■ Install HRSG #3 HP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG																																									
NT-FWH31-10	FWH-3-1-Install Conduit	5d	0%	13-Dec-12	20-Dec-12	■ FWH-3-1-Install Conduit																																									
NT-FWH31-20	FWH-3-1-Install Instrumentation	8d	0%	10-Dec-12	20-Dec-12	■ FWH-3-1-Install Instrumentation																																									
NT-CRS31-21	CRS-3-1-Install Tubing	1d	0%	20-Dec-12	20-Dec-12	■ CRS-3-1-Install Tubing																																									
NT-CRS31-32	CRS-3-1-Term Control Cables	2d	0%	19-Dec-12	20-Dec-12	■ CRS-3-1-Term Control Cables																																									
NT-CRS31-52	CRS-3-1-Term Communication & Instrumentation Cables	6d	0%	13-Dec-12	20-Dec-12	■ CRS-3-1-Term Communication & Instrumentation Cables																																									
SU01491	CRS-3-1 - CTO - Constr Comp	1d	0%	21-Dec-12	21-Dec-12	■ CRS-3-1 - CTO - Constr Comp																																									
NT-HRG31-41	Pull Power Cable - HRSG #3 Area	7d	0%	13-Dec-12	21-Dec-12	■ Pull Power Cable - HRSG #3 Area																																									
CS-3HRSG-BFW-PPG	Install HRSG #3 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	30d	30%	26-Oct-12 A	02-Jan-13	■ Install HRSG #3 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG																																									
NT-FWI31-10	FWI-3-1-Install Conduit	4d	0%	19-Dec-12	02-Jan-13	■ FWI-3-1-Install Conduit																																									
NT-FWI31-20	FWI-3-1-Install Instrumentation	8d	0%	13-Dec-12	02-Jan-13	■ FWI-3-1-Install Instrumentation																																									
CS-3HRSG-SHP-PPG	Install HRSG #3 SHP Pipe - Drip Leg to BD Tank	15d	0%	10-Dec-12*	08-Jan-13	■ Install HRSG #3 SHP Pipe - Drip Leg to BD Tank																																									
NT-BVD31-10	BVD-3-1-Install Conduit	4d	0%	02-Jan-13	08-Jan-13	■ BVD-3-1-Install Conduit																																									

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																												
						N							D							J							F							March 2013		April 2013		May 2013		June 2013		July 2013		A		S				
						2	2	0	1	1	2	0	1	1	2	0	1	1	2	3	0	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	2	2	0	1	1	2	0	1	2	2	0	1	1
NT-HRG31-99	CTO #1 - HRSG #3 Area	0d	0%	22-Jan-13	22-Jan-13	◆ CTO #1 - HRSG #3 Area																																												
SU01298	HRSG-3-1 - CTO - Constr Comp	1d	0%	23-Jan-13	23-Jan-13	■ HRSG-3-1 - CTO - Constr Comp																																												
SU01299	HRSG-3-1 - CTO Walkdown	1d	0%	24-Jan-13	24-Jan-13	■ HRSG-3-1 - CTO Walkdown																																												
SU02186	FWI-3-1 - System Commissioning	5d	0%	21-Jan-13	25-Jan-13	■ FWI-3-1 - System Commissioning																																												
SU01300	HRSG-3-1 - Constr Comp Punchlist Items	2d	0%	25-Jan-13	26-Jan-13	■ HRSG-3-1 - Constr Comp Punchlist Items																																												
SU02196	FWI-3-1 - Ready for Operations	1d	0%	25-Jan-13	26-Jan-13	■ FWI-3-1 - Ready for Operations																																												
SU01361	BVD-3-1 - System Commissioning	5d	0%	22-Jan-13	28-Jan-13	■ BVD-3-1 - System Commissioning																																												
SU01362	BVD-3-1 - Ready for Operations	1d	0%	28-Jan-13	29-Jan-13	■ BVD-3-1 - Ready for Operations																																												
NT-BFP31-41	BFW-3-1-Pull Power Cable	10d	0%	16-Jan-13	30-Jan-13	■ BFW-3-1-Pull Power Cable																																												
CS3HRS1NS01	HRH-0-1(HRSG3) - INSTALL INSULATION RACK PIPING	35d	0%	07-Dec-12	30-Jan-13	■ HRH-0-1(HRSG3) - INSTALL INSULATION RACK PIPING																																												
NT-HRS31-31	HRSG 3-Pull Control Cable	7d	0%	22-Jan-13	31-Jan-13	■ HRSG 3-Pull Control Cable																																												
NT-HRS31-41	HRSG 3-Pull Power Cable	2d	0%	29-Jan-13	31-Jan-13	■ HRSG 3-Pull Power Cable																																												
SU01301	HRSG-3-1 - System Commissioning	5d	0%	28-Jan-13	01-Feb-13	■ HRSG-3-1 - System Commissioning																																												
SU01302	HRSG-3-1 - Ready for Operations	1d	0%	01-Feb-13	02-Feb-13	■ HRSG-3-1 - Ready for Operations																																												
CS3HRSG130	INSTALL INSULATION & HT HRSG#3 AREA	40d	0%	05-Dec-12	04-Feb-13	■ INSTALL INSULATION & HT HRSG#3 AREA																																												
NT-HRS31-51	HRSG 3-Pull Instrumentation / Communication Cable	10d	0%	22-Jan-13	04-Feb-13	■ HRSG 3-Pull Instrumentation / Communication Cable																																												
NT-MS31-51	MS-3-1-Pull Instrumentation / Communication Cable	20d	0%	08-Jan-13	04-Feb-13	■ MS-3-1-Pull Instrumentation / Communication Cable																																												
NT-BFP31-42	BFW-3-1-Term Power Cables	5d	0%	30-Jan-13	06-Feb-13	■ BFW-3-1-Term Power Cables																																												
NT-BFP31-51	BFW-3-1-Pull Instrumentation / Communication Cable	15d	0%	16-Jan-13	06-Feb-13	■ BFW-3-1-Pull Instrumentation / Communication Cable																																												
NT-CF31-31	CF-3-1-Pull Control Cable	5d	0%	31-Jan-13	06-Feb-13	■ CF-3-1-Pull Control Cable																																												
NT-CF31-41	CF-3-1-Pull Power Cable	5d	0%	31-Jan-13	06-Feb-13	■ CF-3-1-Pull Power Cable																																												
NT-CF31-51	CF-3-1-Pull Instrumentation / Communication Cable	5d	0%	31-Jan-13	06-Feb-13	■ CF-3-1-Pull Instrumentation / Communication Cable																																												
SU01313	FWH-3-1 - System Commissioning	5d	0%	04-Feb-13	08-Feb-13	■ FWH-3-1 - System Commissioning																																												
SU01314	FWH-3-1 - Ready for Operations	1d	0%	08-Feb-13	09-Feb-13	■ FWH-3-1 - Ready for Operations																																												
CS3CRS1NS02	CRS-3-1 - INSTALL INSULATION RACK TO HRSG	20d	0%	14-Jan-13	11-Feb-13	■ CRS-3-1 - INSTALL INSULATION RACK TO HRSG																																												
CS3CRS1NS03	CRS-3-1 - INSTALL INSULATION RACK TO STG	20d	0%	14-Jan-13	11-Feb-13	■ CRS-3-1 - INSTALL INSULATION RACK TO STG																																												
NT-BFP31-52	BFW-3-1-Term Communication & Instrumentation Cables	4d	0%	06-Feb-13	12-Feb-13	■ BFW-3-1-Term Communication & Instrumentation Cables																																												
NT-BFP31-99	BFW-3-1-CTO	0d	0%		12-Feb-13	◆ BFW-3-1-CTO																																												
SU01346	BFW-3-1 - CTO - Constr Comp	1d	0%	12-Feb-13	13-Feb-13	■ BFW-3-1 - CTO - Constr Comp																																												
NT-CF31-21	CF-3-1-Install Tubing	5d	0%	07-Feb-13	13-Feb-13	■ CF-3-1-Install Tubing																																												
NT-CF31-32	CF-3-1-Term Control Cables	5d	0%	07-Feb-13	13-Feb-13	■ CF-3-1-Term Control Cables																																												
NT-CF31-42	CF-3-1-Term Power Cables	5d	0%	07-Feb-13	13-Feb-13	■ CF-3-1-Term Power Cables																																												
NT-CF31-52	CF-3-1-Term Communication & Instrumentation Cables	5d	0%	07-Feb-13	13-Feb-13	■ CF-3-1-Term Communication & Instrumentation Cables																																												
NT-CF31-99	CF-3-1-CTO	0d	0%		13-Feb-13	◆ CF-3-1-CTO																																												
SU01347	BFW-3-1 - CTO Walkdown	1d	0%	13-Feb-13	14-Feb-13	■ BFW-3-1 - CTO Walkdown																																												
CS3MS-1NS02	MS-0-1(HRSG3) - INSTALL INSULATION RACK TO HRSG	20d	0%	17-Jan-13	14-Feb-13	■ MS-0-1(HRSG3) - INSTALL INSULATION RACK TO HRSG																																												
CS3MS-1NS03	MS-0-1(HRSG3) - INSTALL INSULATION RACK TO STG	20d	0%	17-Jan-13	14-Feb-13	■ MS-0-1(HRSG3) - INSTALL INSULATION RACK TO STG																																												
SU01557	CF-3-1 - CTO - Constr Comp	1d	0%	14-Feb-13	14-Feb-13	■ CF-3-1 - CTO - Constr Comp																																												
SU01558	CF-3-1 - CTO Walkdown	1d	0%	15-Feb-13	15-Feb-13	■ CF-3-1 - CTO Walkdown																																												
NT-HRS31-21	HRSG 3-Install Tubing	1d	0%	15-Feb-13	15-Feb-13	■ HRSG 3-Install Tubing																																												
NT-HRS31-32	HRSG 3-Term Control Cables	7d	0%	07-Feb-13	15-Feb-13	■ HRSG 3-Term Control Cables																																												
NT-HRS31-42	HRSG 3-Term Power Cables	1d	0%	15-Feb-13	15-Feb-13	■ HRSG 3-Term Power Cables																																												
NT-HRS31-52	HRSG 3-Term Communication & Instrumentation Cables	9d	0%	05-Feb-13	15-Feb-13	■ HRSG 3-Term Communication & Instrumentation Cables																																												
SU01348	BFW-3-1 - Constr Comp Punchlist Items	2d	0%	14-Feb-13	16-Feb-13	■ BFW-3-1 - Constr Comp Punchlist Items																																												
SU01479	HRSG 3 - Constr Comp	1d	0%	16-Feb-13	16-Feb-13	■ HRSG 3 - Constr Comp																																												
SU01559	CF-3-1 - Constr Comp Punchlist Items	2d	0%	16-Feb-13	18-Feb-13	■ CF-3-1 - Constr Comp Punchlist Items																																												
NT-MS31-41	MS-3-1-Pull Power Cable	30d	0%	08-Jan-13	18-Feb-13	■ MS-3-1-Pull Power Cable																																												

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Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																						
						N							D			J			F			March 2013		April 2013		May 2013		June 2013		July 2013		A		S										
						2	2	0	1	1	2	2	0	1	2	0	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0	0	1	2
CS2MS-1NS01	MS-0-1(HRSG2) - INSTALL INSULATION RACK PIPING	25d	0%	14-Dec-12	23-Jan-13	MS-0-1(HRSG2) - INSTALL INSULATION RACK PIPING																																						
SU01292	HRSG-2-1 - CTO - Constr Comp	1d	0%	22-Jan-13	23-Jan-13	■ HRSG-2-1 - CTO - Constr Comp																																						
NT-BFP21-42	BFW-2-1-Term Power Cables	4d	0%	17-Jan-13	23-Jan-13	■ BFW-2-1-Term Power Cables																																						
CS-CTO-PPG-MILE-050	CTO PRI-50 - BVD-2-1 - HRSG # 2 VENTS and DRAINS	0d	0%		24-Jan-13	◆ CTO PRI-50 - BVD-2-1 - HRSG # 2 VENTS and DRAINS																																						
CS-2HRSG-BBS-PPG-	Install HRSG #2 BBS Pipe - BD Tank to HRSG Closure Weld at HRSG	7d	0%	14-Jan-13*	24-Jan-13	■ Install HRSG #2 BBS Pipe - BD Tank to HRSG Closure Weld at HRSG																																						
SU02146	FWI-2-1 - System Commissioning	5d	0%	19-Jan-13	24-Jan-13	■ FWI-2-1 - System Commissioning																																						
SU01293	HRSG-2-1 - CTO Walkdown	1d	0%	23-Jan-13	24-Jan-13	■ HRSG-2-1 - CTO Walkdown																																						
SU02156	FWI-2-1 - Ready for Operations	1d	0%	24-Jan-13	25-Jan-13	■ FWI-2-1 - Ready for Operations																																						
SU01294	HRSG-2-1 - Constr Comp Punchlist Items	2d	0%	24-Jan-13	26-Jan-13	■ HRSG-2-1 - Constr Comp Punchlist Items																																						
CS-2HRSG-SHP-PPG-	Install HRSG #2 SHP Pipe - Drip Leg to BD Tank	15d	0%	08-Jan-13*	30-Jan-13	■ Install HRSG #2 SHP Pipe - Drip Leg to BD Tank																																						
CS-2HRSG-SSC-PPG-	Install HRSG #2 SSC Pipe - Drip Leg to BD Tank	10d	0%	15-Jan-13	30-Jan-13	■ Install HRSG #2 SSC Pipe - Drip Leg to BD Tank																																						
CS-CTO-PPG-MILE-080	CTO PRI-80 - MS-2-1 - HRSG # 2 MAIN STEAM	0d	0%		30-Jan-13	◆ CTO PRI-80 - MS-2-1 - HRSG # 2 MAIN STEAM																																						
NT-BVD21-10	BVD-2-1-Install Conduit	6d	0%	22-Jan-13	30-Jan-13	■ BVD-2-1-Install Conduit																																						
NT-BVD21-20	BVD-2-1-Install Instrumentation	5d	0%	23-Jan-13	30-Jan-13	■ BVD-2-1-Install Instrumentation																																						
NT-CRS21-10	CRS-2-1-Install Conduit	10d	0%	16-Jan-13	30-Jan-13	■ CRS-2-1-Install Conduit																																						
NT-CRS21-20	CRS-2-1-Install Instrumentation	10d	0%	16-Jan-13	30-Jan-13	■ CRS-2-1-Install Instrumentation																																						
NT-MS21-10	MS-2-1-Install Conduit	10d	0%	16-Jan-13	30-Jan-13	■ MS-2-1-Install Conduit																																						
NT-MS21-20	MS-2-1-Install Instrumentation	7d	0%	21-Jan-13	30-Jan-13	■ MS-2-1-Install Instrumentation																																						
CS0SS02156	INSTALL INSULATION & HT WASTE WATER MAIN	10d	0%	16-Jan-13	30-Jan-13	■ INSTALL INSULATION & HT WASTE WATER MAIN																																						
NT-HRS21-31	HRSG 2-Pull Control Cable	7d	0%	22-Jan-13	31-Jan-13	■ HRSG 2-Pull Control Cable																																						
SU01295	HRSG-2-1 - System Commissioning	5d	0%	26-Jan-13	31-Jan-13	■ HRSG-2-1 - System Commissioning																																						
NT-BFP21-51	BFW-2-1-Pull Instrumentation / Communication Cable	20d	0%	03-Jan-13	31-Jan-13	■ BFW-2-1-Pull Instrumentation / Communication Cable																																						
NT-BVD21-31	BVD-2-1-Pull Control Cable	2d	0%	30-Jan-13	31-Jan-13	■ BVD-2-1-Pull Control Cable																																						
SU01296	HRSG-2-1 - Ready for Operations	1d	0%	31-Jan-13	01-Feb-13	■ HRSG-2-1 - Ready for Operations																																						
CS2HRSG130	INSTALL INSULATION & HT HRSG#2 AREA	40d	0%	05-Dec-12	04-Feb-13	■ INSTALL INSULATION & HT HRSG#2 AREA																																						
NT-HRS21-41	HRSG 2-Pull Power Cable	5d	0%	29-Jan-13	04-Feb-13	■ HRSG 2-Pull Power Cable																																						
NT-HRS21-51	HRSG 2-Pull Instrumentation / Communication Cable	11d	0%	22-Jan-13	05-Feb-13	■ HRSG 2-Pull Instrumentation / Communication Cable																																						
CS2HRS1NS01	HRH-0-1(HRSG2) - INSTALL INSULATION RACK PIPING	35d	0%	14-Dec-12	06-Feb-13	■ HRH-0-1(HRSG2) - INSTALL INSULATION RACK PIPING																																						
SU01307	FWH-2-1 - System Commissioning	5d	0%	01-Feb-13	06-Feb-13	■ FWH-2-1 - System Commissioning																																						
NT-CF21-31	CF-2-1-Pull Control Cable	5d	0%	31-Jan-13	06-Feb-13	■ CF-2-1-Pull Control Cable																																						
NT-CF21-41	CF-2-1-Pull Power Cable	5d	0%	31-Jan-13	06-Feb-13	■ CF-2-1-Pull Power Cable																																						
NT-CF21-51	CF-2-1-Pull Instrumentation / Communication Cable	5d	0%	31-Jan-13	06-Feb-13	■ CF-2-1-Pull Instrumentation / Communication Cable																																						
SU01308	FWH-2-1 - Ready for Operations	1d	0%	06-Feb-13	07-Feb-13	■ FWH-2-1 - Ready for Operations																																						
NT-BFP21-52	BFW-2-1-Term Communication & Instrumentation Cables	6d	0%	31-Jan-13	07-Feb-13	■ BFW-2-1-Term Communication & Instrumentation Cables																																						
NT-BFP21-99	BFW-2-1-CTO	0d	0%		07-Feb-13	◆ BFW-2-1-CTO																																						
SU01340	BFW-2-1 - CTO - Constr Comp	1d	0%	08-Feb-13	08-Feb-13	■ BFW-2-1 - CTO - Constr Comp																																						
NT-BVD21-41	BVD-2-1-Pull Power Cable	8d	0%	30-Jan-13	08-Feb-13	■ BVD-2-1-Pull Power Cable																																						
NT-BVD21-51	BVD-2-1-Pull Instrumentation / Communication Cable	8d	0%	30-Jan-13	08-Feb-13	■ BVD-2-1-Pull Instrumentation / Communication Cable																																						
SU01341	BFW-2-1 - CTO Walkdown	1d	0%	09-Feb-13	09-Feb-13	■ BFW-2-1 - CTO Walkdown																																						
NT-CRS21-31	CRS-2-1-Pull Control Cable	3d	0%	06-Feb-13	11-Feb-13	■ CRS-2-1-Pull Control Cable																																						
SU01342	BFW-2-1 - Constr Comp Punchlist Items	2d	0%	10-Feb-13	11-Feb-13	■ BFW-2-1 - Constr Comp Punchlist Items																																						
NT-BVD21-21	BVD-2-1-Install Tubing	2d	0%	08-Feb-13	11-Feb-13	■ BVD-2-1-Install Tubing																																						
NT-BVD21-32	BVD-2-1-Term Control Cables	1d	0%	11-Feb-13	11-Feb-13	■ BVD-2-1-Term Control Cables																																						
NT-BVD21-42	BVD-2-1-Term Power Cables	1d	0%	11-Feb-13	11-Feb-13	■ BVD-2-1-Term Power Cables																																						
NT-BVD21-52	BVD-2-1-Term Communication & Instrumentation Cables	1d	0%	11-Feb-13	11-Feb-13	■ BVD-2-1-Term Communication & Instrumentation Cables																																						
NT-BVD21-99	BVD-2-1-CTO	0d	0%		11-Feb-13	◆ BVD-2-1-CTO																																						
SU01352	BVD-2-1 - CTO - Constr Comp	1d	0%	12-Feb-13	12-Feb-13	■ BVD-2-1 - CTO - Constr Comp																																						

Actual Work Critical Remaining Work Summary
 Remaining Work Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																																							
						N		D		J		F		March 2013	April 2013	May 2013	June 2013	July 2013	A		S																																								
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0	0	1	1	2	0	0	1	1	2	0	0	1	1	2
CS2HRS1NS02	HRH-0-1(HRSG2) - INSTALL INSULATION RACK TO HRSG	20d	0%	07-Feb-13	07-Mar-13	[Gantt bar: HRH-0-1(HRSG2) - INSTALL INSULATION RACK TO HRSG]																																																							
CS2HRS1NS03	HRH-0-1(HRSG2) - INSTALL INSULATION RACK TO STG	20d	0%	07-Feb-13	07-Mar-13	[Gantt bar: HRH-0-1(HRSG2) - INSTALL INSULATION RACK TO STG]																																																							
LEINSULMS	INSTALL INSULATION MAIN STEAM	60d	0%	10-Dec-12	08-Mar-13	[Gantt bar: INSTALL INSULATION MAIN STEAM]																																																							
LEINSULHT	INSTALL HEAT TRACING ITEMS FOR INSULATION HOT REHEAT	50d	0%	26-Dec-12	08-Mar-13	[Gantt bar: INSTALL HEAT TRACING ITEMS FOR INSULATION HOT REHEAT]																																																							
LEINSULHRS	INSTALL INSULATION HOT REHEAT	70d	0%	07-Dec-12	21-Mar-13	[Gantt bar: INSTALL INSULATION HOT REHEAT]																																																							
CS0SS02146	INSTALL INSULATION & HT Sanitary Sewer	10d	0%	02-Apr-13	15-Apr-13	[Gantt bar: INSTALL INSULATION & HT Sanitary Sewer]																																																							
CS2HRSG1240	HRSG2-Install CO/SCR Catalyst	8d	0%	25-Apr-13	06-May-13	[Gantt bar: HRSG2-Install CO/SCR Catalyst]																																																							
HRSG#4		127d		11-Jun-12 A	06-May-13	[Summary bar: 06-May-13, HRSG#4]																																																							
CS4HRSG1211	HRSG4-Install Insul/Liner Bay 2 to 1	1d	90%	11-Jun-12 A	29-Oct-12	[Gantt bar: HRSG4-Install Insul/Liner Bay 2 to 1]																																																							
CS4DBR220	SET FG Flow meter #4 - HRSG4	2d	0%	29-Oct-12*	30-Oct-12	[Gantt bar: SET FG Flow meter #4 - HRSG4]																																																							
CS4HRSG1218	HRSG4-Install HP Code Piping	5d	90%	09-Jul-12 A	02-Nov-12	[Gantt bar: HRSG4-Install HP Code Piping]																																																							
CS4HRSG1220	HRSG4-Install IP Code Piping	5d	60%	25-Jun-12 A	02-Nov-12	[Gantt bar: HRSG4-Install IP Code Piping]																																																							
NT-1430	Install Cable Tray - HRSG #4 Area	5d	90%	01-Oct-12 A	02-Nov-12	[Gantt bar: Install Cable Tray - HRSG #4 Area]																																																							
CS-4HRSG-FGS-PPG	Install HRSG #4 FGS Pipe- FGS Header to Duct Burner Skid	5d	85%	07-Sep-12 A	06-Nov-12	[Gantt bar: Install HRSG #4 FGS Pipe- FGS Header to Duct Burner Skid]																																																							
CS-4HRSG-CCW-PPC	Install HRSG #4 CCW Pipe - From Existing to BFW Pumps	3d	70%	16-Oct-12 A	08-Nov-12	[Gantt bar: Install HRSG #4 CCW Pipe - From Existing to BFW Pumps]																																																							
CS4HRSG1204	HRSG4-Install Insul/Liner Bay 5 to 4	10d	60%	23-Jul-12 A	09-Nov-12	[Gantt bar: HRSG4-Install Insul/Liner Bay 5 to 4]																																																							
CS4HRSG1206	HRSG4-Install Insul/Liner Bay 4 to 3	5d	70%	11-Jun-12 A	09-Nov-12	[Gantt bar: HRSG4-Install Insul/Liner Bay 4 to 3]																																																							
CS4HRSG1243	HRSG4-Hydrotest	7d	0%	05-Nov-12	14-Nov-12	[Gantt bar: HRSG4-Hydrotest]																																																							
S-CON-PPG-MILE-043	HRSG 4 Hydro Test	0d	0%	14-Nov-12		[Milestone: HRSG 4 Hydro Test]																																																							
NT-1490	Install Xformer - HRSG #4 Area	1d	0%	13-Nov-12	14-Nov-12	[Gantt bar: Install Xformer - HRSG #4 Area]																																																							
NT-DBR41-20	DBR-4-1-Install Instrumentation	1d	0%	14-Nov-12	15-Nov-12	[Gantt bar: DBR-4-1-Install Instrumentation]																																																							
NT-FGS41-20	FGS-4-1-Install Instrumentation	1d	0%	14-Nov-12	15-Nov-12	[Gantt bar: FGS-4-1-Install Instrumentation]																																																							
NT-DBR41-10	DBR-4-1-Install Conduit	9d	0%	05-Nov-12	16-Nov-12	[Gantt bar: DBR-4-1-Install Conduit]																																																							
CS4HRSG128	UPGRADE HRSG#4 CEMS	15d	0%	27-Aug-12 A	20-Nov-12	[Gantt bar: UPGRADE HRSG#4 CEMS]																																																							
NT-CEM41-10	CEMS-4-1-Install Conduit	4d	0%	14-Nov-12	20-Nov-12	[Gantt bar: CEMS-4-1-Install Conduit]																																																							
NT-CEM41-20	CEMS-4-1-Install Instrumentation	4d	0%	14-Nov-12	20-Nov-12	[Gantt bar: CEMS-4-1-Install Instrumentation]																																																							
CS-4HRSG-SSH-PPG	Install HRSG #4 SSH Pipe - Drops to Piperack SSH	10d	90%	29-Aug-12 A	20-Nov-12	[Gantt bar: Install HRSG #4 SSH Pipe - Drops to Piperack SSH]																																																							
CS-4HRSG-BFW-PPG	Install HRSG #4 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG & from C	10d	30%	26-Oct-12 A	20-Nov-12	[Gantt bar: Install HRSG #4 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG & from CNS Header]																																																							
NT-CEM41-31	CEMS-4-1-Pull Control Cable	1d	0%	20-Nov-12	21-Nov-12	[Gantt bar: CEMS-4-1-Pull Control Cable]																																																							
NT-SCR41-20	SCR-4-1-Install Instrumentation	5d	0%	14-Nov-12	21-Nov-12	[Gantt bar: SCR-4-1-Install Instrumentation]																																																							
NT-FGS41-10	FGS-4-1-Install Conduit	4d	0%	16-Nov-12	21-Nov-12	[Gantt bar: FGS-4-1-Install Conduit]																																																							
CS-4HRSG-SHP-PPG	Install HRSG #4 SHP Pipe - Drops to Piperack SHP	2d	80%	27-Aug-12 A	26-Nov-12	[Gantt bar: Install HRSG #4 SHP Pipe - Drops to Piperack SHP]																																																							
NT-FGS41-31	FGS-4-1-Pull Control Cable	1d	0%	26-Nov-12	26-Nov-12	[Gantt bar: FGS-4-1-Pull Control Cable]																																																							
NT-FGS41-51	FGS-4-1-Pull Instrumentation / Communication Cable	1d	0%	26-Nov-12	26-Nov-12	[Gantt bar: FGS-4-1-Pull Instrumentation / Communication Cable]																																																							
NT-CEM41-51	CEMS-4-1-Pull Instrumentation / Communication Cable	3d	0%	20-Nov-12	27-Nov-12	[Gantt bar: CEMS-4-1-Pull Instrumentation / Communication Cable]																																																							
NT-FGS41-32	FGS-4-1-Term Control Cables	1d	0%	27-Nov-12	27-Nov-12	[Gantt bar: FGS-4-1-Term Control Cables]																																																							
NT-FGS41-41	FGS-4-1-Pull Power Cable	2d	0%	26-Nov-12	27-Nov-12	[Gantt bar: FGS-4-1-Pull Power Cable]																																																							
NT-FGS41-52	FGS-4-1-Term Communication & Instrumentation Cables	1d	0%	27-Nov-12	27-Nov-12	[Gantt bar: FGS-4-1-Term Communication & Instrumentation Cables]																																																							
NT-FGS41-42	FGS-4-1-Term Power Cables	1d	0%	28-Nov-12	28-Nov-12	[Gantt bar: FGS-4-1-Term Power Cables]																																																							
NT-FGS41-99	FGS-4-1-CTO	0d	0%		28-Nov-12	[Milestone: FGS-4-1-CTO]																																																							
NT-CEM41-21	CEMS-4-1-Install Tubing	2d	0%	27-Nov-12	29-Nov-12	[Gantt bar: CEMS-4-1-Install Tubing]																																																							
NT-CEM41-32	CEMS-4-1-Term Control Cables	1d	0%	28-Nov-12	29-Nov-12	[Gantt bar: CEMS-4-1-Term Control Cables]																																																							
NT-CEM41-52	CEMS-4-1-Term Communication & Instrumentation Cables	2d	0%	27-Nov-12	29-Nov-12	[Gantt bar: CEMS-4-1-Term Communication & Instrumentation Cables]																																																							
NT-CEM41-99	CEMS-4-1-CTO	0d	0%		29-Nov-12	[Milestone: CEMS-4-1-CTO]																																																							
SU01214	FGS-4-1 - CTO - Constr Comp	1d	0%	29-Nov-12	29-Nov-12	[Gantt bar: FGS-4-1 - CTO - Constr Comp]																																																							
CS4HRSG1209	HRSG4-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	14d	0%	08-Nov-12*	30-Nov-12	[Gantt bar: HRSG4-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR]																																																							
SU01635	CEMS-4-1 - CTO - Constr Comp	1d	0%	29-Nov-12	30-Nov-12	[Gantt bar: CEMS-4-1 - CTO - Constr Comp]																																																							

█ Actual Work
 █ Critical Remaining Work
 ▾ Summary
█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																														
						N		D		J		F		March 2013	April 2013	May 2013	June 2013	July 2013	A		S															
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	0	1	2	2	0	1	1
CS1HRSG1211	HRSG1-Install Insul/Liner Bay 2 to 1	6d	10%	04-Sep-12 A	05-Nov-12	HRSG1-Install Insul/Liner Bay 2 to 1																														
CS1HRSG1204	HRSG1-Install Insul/Liner Bay 5 to 4	5d	0%	13-Nov-12	19-Nov-12	HRSG1-Install Insul/Liner Bay 5 to 4																														
CS1HRSG1206	HRSG1-Install Insul/Liner Bay 4 to 3	5d	0%	13-Nov-12*	19-Nov-12	HRSG1-Install Insul/Liner Bay 4 to 3																														
CS1HRSG1218	HRSG1-Install HP Code Piping	15d	65%	25-Jun-12 A	19-Nov-12	HRSG1-Install HP Code Piping																														
CS1HRSG1220	HRSG1-Install IP Code Piping	16d	60%	27-Jun-12 A	20-Nov-12	HRSG1-Install IP Code Piping																														
CS1HRSG1224	HRSG1-Install HP S/U Vent & Supt Steel	5d	0%	21-Nov-12	29-Nov-12	HRSG1-Install HP S/U Vent & Supt Steel																														
CS-1HRSG-BFW-PPG	Install HRSG #1 BFW Pipe - Drops to HP BFW Piperack, BFW Pumps to/from HRSG & fro	15d	0%	06-Nov-12	29-Nov-12	Install HRSG #1 BFW Pipe - Drops to HP BFW Piperack, BFW Pumps to/from HRSG & from CNS Header																														
CS-1HRSG-CCW-PPG	Install HRSG #1 CCW Pipe - From Existing to BFW Pumps	15d	0%	06-Nov-12	29-Nov-12	Install HRSG #1 CCW Pipe - From Existing to BFW Pumps																														
CS1HRSG1243	HRSG1-Hydrotest	7d	0%	21-Nov-12	03-Dec-12	HRSG1-Hydrotest																														
S-CON-PPG-MILE-044	HRSG 1 Hydro Test	0d	0%	03-Dec-12		HRSG 1 Hydro Test																														
CS-1HRSG-SHP-PPG	Install HRSG #1 SHP Pipe - Drops to Piperack SHP	7d	90%	27-Aug-12 A	03-Dec-12	Install HRSG #1 SHP Pipe - Drops to Piperack SHP																														
CS1HRSG1225	HRSG1-Install RH S/U Vent & Supt Steel	3d	0%	30-Nov-12	04-Dec-12	HRSG1-Install RH S/U Vent & Supt Steel																														
NT-DBR11-20	DBR-1-1-Install Instrumentation	1d	0%	03-Dec-12	04-Dec-12	DBR-1-1-Install Instrumentation																														
NT-FGS11-10	FGS-1-1-Install Conduit	4d	0%	28-Nov-12	04-Dec-12	FGS-1-1-Install Conduit																														
NT-FGS11-20	FGS-1-1-Install Instrumentation	1d	0%	03-Dec-12	04-Dec-12	FGS-1-1-Install Instrumentation																														
NT-FGS11-31	FGS-1-1-Pull Control Cable	1d	0%	04-Dec-12	05-Dec-12	FGS-1-1-Pull Control Cable																														
NT-FGS11-51	FGS-1-1-Pull Instrumentation / Communication Cable	1d	0%	04-Dec-12	05-Dec-12	FGS-1-1-Pull Instrumentation / Communication Cable																														
NT-FGS11-32	FGS-1-1-Term Control Cables	1d	0%	05-Dec-12	06-Dec-12	FGS-1-1-Term Control Cables																														
NT-FGS11-41	FGS-1-1-Pull Power Cable	2d	0%	04-Dec-12	06-Dec-12	FGS-1-1-Pull Power Cable																														
NT-FGS11-52	FGS-1-1-Term Communication & Instrumentation Cables	1d	0%	05-Dec-12	06-Dec-12	FGS-1-1-Term Communication & Instrumentation Cables																														
CS1HRSG128	UPGRADE HRSG#1 CEMSS	15d	0%	31-Aug-12 A	07-Dec-12	UPGRADE HRSG#1 CEMSS																														
NT-CEM11-10	CEMS-1-1-Install Conduit	5d	0%	30-Nov-12	07-Dec-12	CEMS-1-1-Install Conduit																														
NT-CEM11-20	CEMS-1-1-Install Instrumentation	4d	0%	03-Dec-12	07-Dec-12	CEMS-1-1-Install Instrumentation																														
NT-FGS11-42	FGS-1-1-Term Power Cables	1d	0%	06-Dec-12	07-Dec-12	FGS-1-1-Term Power Cables																														
NT-FGS11-99	FGS-1-1-CTO	0d	0%		07-Dec-12	FGS-1-1-CTO																														
SU01196	FGS-1-1 - CTO - Constr Comp	1d	0%	07-Dec-12	08-Dec-12	FGS-1-1 - CTO - Constr Comp																														
CS1HRSG1226	HRSG1-Install IP S/U Vent & Supt Steel	4d	0%	05-Dec-12	10-Dec-12	HRSG1-Install IP S/U Vent & Supt Steel																														
SU01197	FGS-1-1 - CTO Walkdown	1d	0%	10-Dec-12	10-Dec-12	FGS-1-1 - CTO Walkdown																														
NT-CEM11-31	CEMS-1-1-Pull Control Cable	1d	0%	07-Dec-12	10-Dec-12	CEMS-1-1-Pull Control Cable																														
CS1HRSG1209	HRSG1-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	7d	0%	03-Dec-12*	11-Dec-12	HRSG1-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR																														
SU01198	FGS-1-1 - Constr Comp Punchlist Items	2d	0%	11-Dec-12	12-Dec-12	FGS-1-1 - Constr Comp Punchlist Items																														
NT-CEM11-51	CEMS-1-1-Pull Instrumentation / Communication Cable	4d	0%	07-Dec-12	13-Dec-12	CEMS-1-1-Pull Instrumentation / Communication Cable																														
NT-CEM11-21	CEMS-1-1-Install Tubing	2d	0%	13-Dec-12	17-Dec-12	CEMS-1-1-Install Tubing																														
NT-CEM11-32	CEMS-1-1-Term Control Cables	1d	0%	14-Dec-12	17-Dec-12	CEMS-1-1-Term Control Cables																														
NT-CEM11-52	CEMS-1-1-Term Communication & Instrumentation Cables	2d	0%	13-Dec-12	17-Dec-12	CEMS-1-1-Term Communication & Instrumentation Cables																														
NT-CEM11-99	CEMS-1-1-CTO	0d	0%		17-Dec-12	CEMS-1-1-CTO																														
NT-SCR11-10	SCR-1-1-Install Conduit	3d	0%	12-Dec-12	17-Dec-12	SCR-1-1-Install Conduit																														
NT-SCR11-20	SCR-1-1-Install Instrumentation	10d	0%	03-Dec-12	17-Dec-12	SCR-1-1-Install Instrumentation																														
SU01617	CEMS-1-1 - CTO - Constr Comp	1d	0%	17-Dec-12	18-Dec-12	CEMS-1-1 - CTO - Constr Comp																														
SU01618	CEMS-1-1 - CTO Walkdown	1d	0%	19-Dec-12	19-Dec-12	CEMS-1-1 - CTO Walkdown																														
CS-FGS-CCW-001	Install FGS CCW Pipe - From Existing to Compressor	8d	0%	10-Dec-12*	20-Dec-12	Install FGS CCW Pipe - From Existing to Compressor																														
CS-SWA-CCW-001	Install SWA CCW Pipe - From Existing to Sampling Panel	8d	0%	10-Dec-12	20-Dec-12	Install SWA CCW Pipe - From Existing to Sampling Panel																														
SU01619	CEMS-1-1 - Constr Comp Punchlist Items	2d	0%	20-Dec-12	21-Dec-12	CEMS-1-1 - Constr Comp Punchlist Items																														
CS1HRSG1245	HRSG1-Erection Complete	0d	0%		26-Dec-12	HRSG1-Erection Complete																														
CS1HRSG2116	HRSG1-Install Non-Code Piping/Vents/Drains	35d	0%	31-Oct-12	26-Dec-12	HRSG1-Install Non-Code Piping/Vents/Drains																														
CS-1HRSG-CNS-PPG	Install HRSG #1 CNS Pipe - CNS Header to HRSG	10d	0%	10-Dec-12	31-Dec-12	Install HRSG #1 CNS Pipe - CNS Header to HRSG																														
NT-DBR11-10	DBR-1-1-Install Conduit	10d	0%	13-Dec-12	03-Jan-13	DBR-1-1-Install Conduit																														

█ Actual Work
 █ Critical Remaining Work
 ▼ Summary
█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																			
						N							D							J							F							March 2013	April 2013	May 2013	June 2013	July 2013	A	S	
						2	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1
CS-1HRSG-IAS-PPG-	Install HRSG #1 IAS Pipe - Air Drops (022 & 023, 1002 to 1006) & to Burner Skid	10d	0%	13-Dec-12	04-Jan-13	Install HRSG #1 IAS Pipe - Air Drops (022 & 023, 1002 to 1006) & to Burner Skid																																			
CS-CTO-PPG-MILE-056	CTO PRI-056 - PA-1-1 - HRSG # 1 PLANT / INSTRUMENT AIR	0d	0%		04-Jan-13	◆ CTO PRI-056 - PA-1-1 - HRSG # 1 PLANT / INSTRUMENT AIR																																			
SU01620	CEMS-1-1 - System Commissioning	5d	0%	22-Dec-12	05-Jan-13	CEMS-1-1 - System Commissioning																																			
SU01621	CEMS-1-1 - Ready for Operations	1d	0%	05-Jan-13	06-Jan-13	CEMS-1-1 - Ready for Operations																																			
NT-FWI111-10	FWI-1-1-Install Conduit	3d	0%	02-Jan-13	07-Jan-13	FWI-1-1-Install Conduit																																			
NT-FWI111-20	FWI-1-1-Install Instrumentation	8d	0%	18-Dec-12	07-Jan-13	FWI-1-1-Install Instrumentation																																			
CS-1HRSG-BFW-PPG	Install HRSG #1 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	35d	0%	06-Nov-12	07-Jan-13	Install HRSG #1 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG																																			
CS-CTO-PPG-MILE-058	CTO PRI-58 - FWH-1-1 - HRSG # 1 BOILER FEEDWATER HIGH PRESSURE	0d	0%		08-Jan-13	◆ CTO PRI-58 - FWH-1-1 - HRSG # 1 BOILER FEEDWATER HIGH PRESSURE																																			
CS-1HRSG-BFW-PPG	Install HRSG #1 HP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	25d	0%	26-Nov-12*	08-Jan-13	Install HRSG #1 HP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG																																			
NT-FWH11-10	FWH-1-1-Install Conduit	5d	0%	31-Dec-12	08-Jan-13	FWH-1-1-Install Conduit																																			
NT-FWH11-20	FWH-1-1-Install Instrumentation	8d	0%	19-Dec-12	08-Jan-13	FWH-1-1-Install Instrumentation																																			
NT-SCR11-21	SCR-1-1-Install Tubing	10d	0%	17-Dec-12	08-Jan-13	SCR-1-1-Install Tubing																																			
NT-HRG11-10	Install Conduit - HRSG #1 Area	12d	0%	17-Dec-12	10-Jan-13	Install Conduit - HRSG #1 Area																																			
NT-1650	Install Xformer - HRSG #1 Area	1d	0%	09-Jan-13	10-Jan-13	Install Xformer - HRSG #1 Area																																			
NT-1660	Install Control Panels - HRSG #1 Area	4d	0%	04-Jan-13	10-Jan-13	Install Control Panels - HRSG #1 Area																																			
NT-HRG11-20	Install Instrumentation - HRSG #1 Area	22d	0%	03-Dec-12	10-Jan-13	Install Instrumentation - HRSG #1 Area																																			
CS-1HRSG-SSH-PPG	Install HRSG #1 SSH Pipe - Drip Leg to ST Drain Tank	8d	0%	02-Jan-13*	11-Jan-13	Install HRSG #1 SSH Pipe - Drip Leg to ST Drain Tank																																			
NT-FWI111-51	FWI-1-1-Pull Instrumentation / Communication Cable	5d	0%	07-Jan-13	14-Jan-13	FWI-1-1-Pull Instrumentation / Communication Cable																																			
NT-FWI111-52	FWI-1-1-Term Communication & Instrumentation Cables	2d	0%	14-Jan-13	16-Jan-13	FWI-1-1-Term Communication & Instrumentation Cables																																			
NT-HRG11-31	Pull Control Cable - HRSG #1 Area	4d	0%	10-Jan-13	16-Jan-13	Pull Control Cable - HRSG #1 Area																																			
NT-FWH11-51	FWH-1-1-Pull Instrumentation / Communication Cable	8d	0%	08-Jan-13	18-Jan-13	FWH-1-1-Pull Instrumentation / Communication Cable																																			
CS-1HRSG-BBS-PPG	Install HRSG #1 BBS Pipe - BD Tank to/from HRSG	25d	0%	06-Dec-12	18-Jan-13	Install HRSG #1 BBS Pipe - BD Tank to/from HRSG																																			
NT-HRG11-41	Pull Power Cable - HRSG #1 Area	8d	0%	10-Jan-13	22-Jan-13	Pull Power Cable - HRSG #1 Area																																			
CS-CTO-PPG-MILE-071	CTO PRI-071 - BFW-1-1 - HRSG # 1 BOILER FEED PUMP	0d	0%		23-Jan-13	◆ CTO PRI-071 - BFW-1-1 - HRSG # 1 BOILER FEED PUMP																																			
CS1HRSG2115	Final Alignment HRSG#1 BFW Pump	10d	0%	08-Jan-13	23-Jan-13	Final Alignment HRSG#1 BFW Pump																																			
NT-BFP11-10	BFW-1-1-Install Conduit	10d	0%	09-Jan-13	23-Jan-13	BFW-1-1-Install Conduit																																			
NT-BFP11-20	BFW-1-1-Install Instrumentation	9d	0%	10-Jan-13	23-Jan-13	BFW-1-1-Install Instrumentation																																			
NT-BFP11-31	BFW-1-1-Pull Control Cable	1d	0%	23-Jan-13	24-Jan-13	BFW-1-1-Pull Control Cable																																			
NT-FWH11-21	FWH-1-1-Install Tubing	1d	0%	23-Jan-13	24-Jan-13	FWH-1-1-Install Tubing																																			
NT-FWH11-52	FWH-1-1-Term Communication & Instrumentation Cables	4d	0%	18-Jan-13	24-Jan-13	FWH-1-1-Term Communication & Instrumentation Cables																																			
NT-FWH11-99	FWH-1-1-CTO	0d	0%		24-Jan-13	◆ FWH-1-1-CTO																																			
SU01388	FWH-1-1 - CTO - Constr Comp	1d	0%	24-Jan-13	25-Jan-13	FWH-1-1 - CTO - Constr Comp																																			
CS-1HRSG-CWS-PPG	Install HRSG #1 CWS Pipe - CWS Header to BD Sump	8d	0%	14-Jan-13*	25-Jan-13	Install HRSG #1 CWS Pipe - CWS Header to BD Sump																																			
NT-BFP11-32	BFW-1-1-Term Control Cables	1d	0%	24-Jan-13	25-Jan-13	BFW-1-1-Term Control Cables																																			
NT-FWI111-21	FWI-1-1-Install Tubing	1d	0%	25-Jan-13	25-Jan-13	FWI-1-1-Install Tubing																																			
NT-FWI111-99	FWI-1-1-CTO	0d	0%		25-Jan-13	◆ FWI-1-1-CTO																																			
SU01389	FWH-1-1 - CTO Walkdown	1d	0%	25-Jan-13	26-Jan-13	FWH-1-1 - CTO Walkdown																																			
SU01923	FWI-1-1 - CTO - Constr Comp	1d	0%	26-Jan-13	27-Jan-13	FWI-1-1 - CTO - Constr Comp																																			
SU02086	FWI-1-1 - CTO Walkdown	1d	0%	28-Jan-13	28-Jan-13	FWI-1-1 - CTO Walkdown																																			
SU01390	FWH-1-1 - Constr Comp Punchlist Items	2d	0%	26-Jan-13	29-Jan-13	FWH-1-1 - Constr Comp Punchlist Items																																			
CS-1HRSG-SSH-PPG	Install HRSG #1 SSH Pipe - Drip Leg to BD Tank	8d	0%	17-Jan-13	30-Jan-13	Install HRSG #1 SSH Pipe - Drip Leg to BD Tank																																			
NT-HRS11-10	HRH-0-1 - Install Conduit	10d	0%	16-Jan-13	30-Jan-13	HRH-0-1 - Install Conduit																																			
NT-HRS11-20	HRH-0-1 - Install Instrumentation	7d	0%	21-Jan-13	30-Jan-13	HRH-0-1 - Install Instrumentation																																			
CS-1HRSG-SAX-PPG	Install HRSG #1 SAX Pipe - SAX Header to HRSG & BD Tank	10d	0%	15-Jan-13	30-Jan-13	Install HRSG #1 SAX Pipe - SAX Header to HRSG & BD Tank																																			
CS-CTO-PPG-MILE-060	CTO PRI-60 - BVD-1-1 - HRSG # 1 VENTS and DRAINS	0d	0%		30-Jan-13	◆ CTO PRI-60 - BVD-1-1 - HRSG # 1 VENTS and DRAINS																																			
CS-1HRSG-BBS-PPG	Install HRSG #1 BBS Pipe - BD Tank to HRSG Closure Weld At HRSG	7d	0%	18-Jan-13	30-Jan-13	Install HRSG #1 BBS Pipe - BD Tank to HRSG Closure Weld At HRSG																																			
SU02096	FWI-1-1 - Constr Comp Punchlist Items	2d	0%	29-Jan-13	30-Jan-13	FWI-1-1 - Constr Comp Punchlist Items																																			

█ Actual Work
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Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																		
						N							D							J							F							March 2013	April 2013	May 2013	June 2013	July 2013	A	S
						2	2	0	1	2	0	1	2	0	1	2	0	1	2	3	0	1	2	0	1	2	0	1	2	0	1	2	0	1	2	0	1	2	0	1
NT-CRS11-52	CRS1-Term Communication & Instrumentation Cables	7d	0%	25-Feb-13	06-Mar-13	■ CRS1-Term Communication & Instrumentation Cables																																		
NT-CRS11-99	CRS-0-1-CTO	0d	0%		06-Mar-13	◆ CRS-0-1-CTO																																		
SU01594	SCR-1-1 - CTO Walkdown	1d	0%	06-Mar-13	06-Mar-13	▮ SCR-1-1 - CTO Walkdown																																		
NT-DBR11-51	DBR-1-1-Pull Instrumentation / Communication Cable	10d	0%	21-Feb-13	06-Mar-13	■ DBR-1-1-Pull Instrumentation / Communication Cable																																		
SU01546	CF-1-1 - CTO Walkdown	1d	0%	06-Mar-13	07-Mar-13	▮ CF-1-1 - CTO Walkdown																																		
SU01533	CRS-0-1 - CTO - Constr Comp	1d	0%	06-Mar-13	07-Mar-13	▮ CRS-0-1 - CTO - Constr Comp																																		
SU01534	CRS-0-1 - CTO Walkdown	1d	0%	07-Mar-13	08-Mar-13	▮ CRS-0-1 - CTO Walkdown																																		
CS1CRS1NS02	CRS1 - INSTALL INSULATION RACK TO HRSG	20d	0%	08-Feb-13	08-Mar-13	■ CRS1 - INSTALL INSULATION RACK TO HRSG																																		
CS1MS-1NS02	MS-0-1(HRSG1) - INSTALL INSULATION & HT RACK COMMON	20d	0%	08-Feb-13	08-Mar-13	■ MS-0-1(HRSG1) - INSTALL INSULATION & HT RACK COMMON																																		
SU01595	SCR-1-1 - Constr Comp Punchlist Items	2d	0%	07-Mar-13	08-Mar-13	▮ SCR-1-1 - Constr Comp Punchlist Items																																		
NT-DBR11-41	DBR-1-1-Pull Power Cable	12d	0%	21-Feb-13	08-Mar-13	■ DBR-1-1-Pull Power Cable																																		
SU01547	CF-1-1 - Constr Comp Punchlist Items	2d	0%	07-Mar-13	09-Mar-13	▮ CF-1-1 - Constr Comp Punchlist Items																																		
SU01509	MS-0-1 - CTO - Constr Comp	1d	0%	08-Mar-13	09-Mar-13	▮ MS-0-1 - CTO - Constr Comp																																		
SU01535	CRS-0-1 - Constr Comp Punchlist Items	2d	0%	08-Mar-13	11-Mar-13	▮ CRS-0-1 - Constr Comp Punchlist Items																																		
SU01510	MS-0-1 - CTO Walkdown	1d	0%	09-Mar-13	11-Mar-13	▮ MS-0-1 - CTO Walkdown																																		
NT-DBR11-31	DBR-1-1-Pull Control Cable	8d	0%	01-Mar-13	12-Mar-13	■ DBR-1-1-Pull Control Cable																																		
SU01511	MS-0-1 - Constr Comp Punchlist Items	2d	0%	11-Mar-13	13-Mar-13	▮ MS-0-1 - Constr Comp Punchlist Items																																		
NT-DBR11-52	DBR-1-1-Term Communication & Instrumentation Cables	5d	0%	07-Mar-13	13-Mar-13	■ DBR-1-1-Term Communication & Instrumentation Cables																																		
SU01548	CF-1-1 - System Commissioning	5d	0%	09-Mar-13	14-Mar-13	■ CF-1-1 - System Commissioning																																		
SU01596	SCR-1-1 - System Commissioning	5d	0%	09-Mar-13	14-Mar-13	■ SCR-1-1 - System Commissioning																																		
SU01549	CF-1-1 - Ready for Operations	1d	0%	14-Mar-13	15-Mar-13	▮ CF-1-1 - Ready for Operations																																		
SU01597	SCR-1-1 - Ready for Operations	1d	0%	14-Mar-13	15-Mar-13	▮ SCR-1-1 - Ready for Operations																																		
NT-DBR11-21	DBR-1-1-Install Tubing	1d	0%	18-Mar-13	18-Mar-13	▮ DBR-1-1-Install Tubing																																		
NT-DBR11-32	DBR-1-1-Term Control Cables	4d	0%	13-Mar-13	18-Mar-13	■ DBR-1-1-Term Control Cables																																		
NT-DBR11-42	DBR-1-1-Term Power Cables	4d	0%	13-Mar-13	18-Mar-13	■ DBR-1-1-Term Power Cables																																		
NT-DBR11-99	DBR-1-1-CTO	0d	0%		18-Mar-13	◆ DBR-1-1-CTO																																		
SU01512	MS-0-1 - System Commissioning	5d	0%	13-Mar-13	19-Mar-13	■ MS-0-1 - System Commissioning																																		
SU01569	DBR-1-1 - CTO - Constr Comp	1d	0%	19-Mar-13	19-Mar-13	▮ DBR-1-1 - CTO - Constr Comp																																		
SU01524	HRH-0-1 - System Commissioning	20d	0%	25-Feb-13	20-Mar-13	■ HRH-0-1 - System Commissioning																																		
SU01513	MS-0-1 - Ready for Operations	1d	0%	19-Mar-13	20-Mar-13	▮ MS-0-1 - Ready for Operations																																		
SU01570	DBR-1-1 - CTO Walkdown	1d	0%	20-Mar-13	20-Mar-13	▮ DBR-1-1 - CTO Walkdown																																		
SU01525	HRH-0-1 - Ready for Operations	1d	0%	20-Mar-13	21-Mar-13	▮ HRH-0-1 - Ready for Operations																																		
CS1HRS1NS02	HRH-0-1(HRSG1) - INSTALL INSULATION RACK TO HRSG	20d	0%	22-Feb-13	21-Mar-13	■ HRH-0-1(HRSG1) - INSTALL INSULATION RACK TO HRSG																																		
CS1HRS1NS03	HRH-0-1(HRSG1) - INSTALL INSULATION RACK TO STG	20d	0%	22-Feb-13	21-Mar-13	■ HRH-0-1(HRSG1) - INSTALL INSULATION RACK TO STG																																		
SU01536	CRS-0-1 - System Commissioning	10d	0%	11-Mar-13	22-Mar-13	■ CRS-0-1 - System Commissioning																																		
SU01571	DBR-1-1 - Constr Comp Punchlist Items	2d	0%	21-Mar-13	22-Mar-13	▮ DBR-1-1 - Constr Comp Punchlist Items																																		
SU01537	CRS-0-1 - Ready for Operations	1d	0%	22-Mar-13	23-Mar-13	▮ CRS-0-1 - Ready for Operations																																		
SU01572	DBR-1-1 - System Commissioning	5d	0%	23-Mar-13	28-Mar-13	■ DBR-1-1 - System Commissioning																																		
SU01573	DBR-1-1 - Ready for Operations	1d	0%	28-Mar-13	29-Mar-13	▮ DBR-1-1 - Ready for Operations																																		
CS1HRSG1240	HRSG1-Install CO/SCR Catalyst	8d	0%	25-Apr-13	06-May-13	■ HRSG1-Install CO/SCR Catalyst																																		
STEAM TURBINE AREA		121d		03-Feb-12 A	27-Apr-13	▶ 27-Apr-13, STEAM TURBINE AREA																																		
CS0AUXB102	BACKFILL FNDN ELEC BOILER GA - Item #71	1d	0%	01-Nov-12	01-Nov-12	▮ BACKFILL FNDN ELEC BOILER GA - Item #71																																		
CS-CTO-PPG-MILE-068	CTO PRI-68 - SCN-5-1 - STEAM TURBINE CONDENSER	0d	0%		02-Nov-12	◆ CTO PRI-68 - SCN-5-1 - STEAM TURBINE CONDENSER																																		
TS-STG-SCN-PPG-001	Install STG area AEX piping to Condenser	5d	20%	22-Oct-12 A	02-Nov-12	■ Install STG area AEX piping to Condenser																																		
CS0STGM231	STG-Align and weld main steam line to the HP turbine-HP@Shell (Weld 2 Bottom)	2d	0%	10-Oct-12 A	06-Nov-12	■ STG-Align and weld main steam line to the HP turbine-HP@Shell (Weld 2 Bottom)																																		
CS0AUXB100	ERECT ELECT STM BOILER	5d	0%	01-Nov-12	07-Nov-12	■ ERECT ELECT STM BOILER																																		
CS0STGM114	STG-Measure#2 and record internal LP turbine clearances	2d	0%	12-Oct-12 A	08-Nov-12	▮ STG-Measure#2 and record internal LP turbine clearances																																		

Actual Work Critical Remaining Work Summary
 Remaining Work Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																											
						N		D		J		F		March 2013	April 2013	May 2013	June 2013	July 2013	A		S												
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	1	1	2	0
CS-PR-CWS-PPG-001	Install Piperack CWS Pipe - CWS Header (0017) to STG Area	4d	30%	16-Oct-12 A	08-Nov-12	■ Install Piperack CWS Pipe - CWS Header (0017) to STG Area																											
CS-STG-DMN-PPG-001	Install RO Area DMN Pipe	9d	10%	26-Oct-12 A	08-Nov-12	■ Install RO Area DMN Pipe																											
CS-STG-WWC-PPG-C	Install STG Area WWC Pipe	4d	0%	05-Nov-12*	08-Nov-12	■ Install STG Area WWC Pipe																											
CS0STG1235	SEQ 4.1 Access -ERECT STG PLATFORM STEEL Hand Rail Only	10d	90%	23-Oct-12 A	09-Nov-12	■ SEQ 4.1 Access -ERECT STG PLATFORM STEEL Hand Rail Only																											
CS0STGM220	STG-Clean and install main steam leads-HP@Valves	2d	0%	08-Nov-12	13-Nov-12	■ STG:Clean and install main steam leads-HP@Valves																											
CS0STGM226	STG-Weld main steam leads and combined stop & control valve-HP@Valves (Weld 4)	2d	0%	09-Nov-12	13-Nov-12	■ STG:Weld main steam leads and combined stop & control valve-HP@Valves (Weld 4)																											
CS0STGM232	STG-Align and weld Main steam line to the HP turbine-HP@Valves (Weld 5)	1d	0%	13-Nov-12	14-Nov-12	■ STG-Align and weld Main steam line to the HP turbine-HP@Valves (Weld 5)																											
LEHRSGEQUIP	Heavy Crane Support to HRSG Erection	12d	80%	03-Feb-12 A	14-Nov-12	■ Heavy Crane Support to HRSG Erection																											
CS-STG-ACW-PPG-001	Install STG Area ACW Pipe	8d	0%	02-Nov-12	15-Nov-12	■ Install STG Area ACW Pipe																											
CS0STGM115	STG-Measure#3 and record internal LP turbine clearances	2d	0%	14-Nov-12	16-Nov-12	■ STG-Measure#3 and record internal LP turbine clearances																											
NT-1750	Install Cable Tray - STG Area	14d	0%	29-Oct-12	16-Nov-12	■ Install Cable Tray - STG Area																											
CS0STGM243	STG-Install hydraulic power piping	10d	0%	05-Nov-12	19-Nov-12	■ STG-Install hydraulic power piping																											
NT-SEH51-20	SEH-5-1-Install Instrumentation	10d	0%	02-Nov-12	19-Nov-12	■ SEH-5-1-Install Instrumentation																											
CS0CN-F110	Drawings from Engineering OWS Slab (Cover)	15d	0%	29-Oct-12*	19-Nov-12	■ Drawings from Engineering OWS Slab (Cover)																											
CS0STGM435	STG-Delivery STG SS lube oil (First Delivery)	0d	0%	20-Nov-12*		◆ STG-Delivery STG SS lube oil (First Delivery)																											
CS0STGM221	STG-Clean and install main steam leads-LP@Shell Top	2d	0%	16-Nov-12	20-Nov-12	■ STG-Clean and install main steam leads-LP@Shell Top																											
CS0STGM227	STG-Weld RH steam leads and combined stop & control valve-LP@Shell Top (Weld 6)	2d	0%	19-Nov-12	21-Nov-12	■ STG-Weld RH steam leads and combined stop & control valve-LP@Shell Top (Weld 6)																											
CS0STGM233	STG-Align and weld main steam line to the HP turbine-@Shell Top (Weld 3)	1d	0%	21-Nov-12	21-Nov-12	■ STG-Align and weld main steam line to the HP turbine-@Shell Top (Weld 3)																											
CS0STGM239	STG-Set and align lube oil pumps and vapor extractor motors	4d	0%	19-Nov-12	27-Nov-12	■ STG-Set and align lube oil pumps and vapor extractor motors																											
CS0STGM242	STG-Align hydraulic power unit pumps	4d	0%	19-Nov-12	27-Nov-12	■ STG-Align hydraulic power unit pumps																											
CS0STGM116	STG-Measure#4 and record internal LP turbine clearances	2d	0%	26-Nov-12	28-Nov-12	■ STG-Measure#4 and record internal LP turbine clearances																											
CS0CN-F34	Exc/Form/Rebar OWS Slab on Grade (Need Design Info.)	5d	0%	20-Nov-12*	28-Nov-12	■ Exc/Form/Rebar OWS Slab on Grade (Need Design Info.)																											
CS0CN-F44	Pour OWS Slab on Grade	1d	0%	29-Nov-12	29-Nov-12	■ Pour OWS Slab on Grade																											
CS0STGM222	STG-Clean and install main steam leads-LP@Shell Btm	2d	0%	28-Nov-12	30-Nov-12	■ STG-Clean and install main steam leads-LP@Shell Btm																											
CS-STG-SSC-PPG-002	Install STG Area SSC Pipe	16d	30%	01-Oct-12 A	30-Nov-12	■ Install STG Area SSC Pipe																											
CS0STGM228	STG-Weld RH steam leads and combined stop & control valve-LP@Shell Btm (Weld 7)	2d	0%	29-Nov-12	30-Nov-12	■ STG-Weld RH steam leads and combined stop & control valve-LP@Shell Btm (Weld 7)																											
CS0STGM234	STG-Align and weld Cold RH steam line to the HP turbine-@Shell Btm (Weld 1)	1d	0%	03-Dec-12	03-Dec-12	■ STG-Align and weld Cold RH steam line to the HP turbine-@Shell Btm (Weld 1)																											
CS-STG-SHP-PPG-002	Install STG Area SHP Pipe	15d	60%	28-Sep-12 A	04-Dec-12	■ Install STG Area SHP Pipe																											
CS0STGM425	STG-Install Generator Cooler Piping	20d	0%	02-Nov-12	04-Dec-12	■ STG-Install Generator Cooler Piping																											
CS-STG-CCW-PPG-001	Install STG Area CCW Pipe	20d	70%	11-Oct-12 A	05-Dec-12	■ Install STG Area CCW Pipe																											
CS0STGM117	STG-Measure#5 and record internal LP turbine clearances	2d	0%	03-Dec-12	06-Dec-12	■ STG-Measure#5 and record internal LP turbine clearances																											
CS0STGM445	STG-Install lube oil piping (Required for Final Alignment)	10d	0%	20-Nov-12	06-Dec-12	■ STG-Install lube oil piping (Required for Final Alignment)																											
CS0CN-F54	Backfill OWS Slab on Grade	2d	0%	05-Dec-12	06-Dec-12	■ Backfill OWS Slab on Grade																											
CS0STGM223	STG-Clean and install main steam leads-LP@Valves	2d	0%	06-Dec-12	10-Dec-12	■ STG-Clean and install main steam leads-LP@Valves																											
CS0STGM229	STG-Weld main steam leads and combined stop & control valve-LP@Valves (Weld 8)	2d	0%	07-Dec-12	10-Dec-12	■ STG-Weld main steam leads and combined stop & control valve-LP@Valves (Weld 8)																											
CS0STGM235	STG-Align and weld Hot RH steam line -@Valves (Weld 9)	1d	0%	10-Dec-12	11-Dec-12	■ STG-Align and weld Hot RH steam line -@Valves (Weld 9)																											
CS0STGM118	STG-Measure#6 and record internal LP turbine clearances	2d	0%	11-Dec-12	13-Dec-12	■ STG-Measure#6 and record internal LP turbine clearances																											
CS0STGM302	STG-Final align generator to turbine-Prelim HP Chk	8d	0%	04-Dec-12	14-Dec-12	■ STG-Final align generator to turbine-Prelim HP Chk																											
CS-CTO-PPG-MILE-108	CTO PRI-108 - STG-5-1 - STEAM TURBINE # 5	0d	0%		17-Dec-12	◆ CTO PRI-108 - STG-5-1 - STEAM TURBINE # 5																											
NT-GCP51-10	GCP-5-1-Install Conduit	10d	0%	05-Dec-12	18-Dec-12	■ GCP-5-1-Install Conduit																											
NT-GCP51-20	GCP-5-1-Install Instrumentation	10d	0%	05-Dec-12	18-Dec-12	■ GCP-5-1-Install Instrumentation																											
NT-SEH51-10	SEH-5-1-Install Conduit	10d	0%	05-Dec-12	18-Dec-12	■ SEH-5-1-Install Conduit																											
CS0STGM105	STG-Bolt exhaust hood to condenser	5d	0%	13-Dec-12	19-Dec-12	■ STG-Bolt exhaust hood to condenser																											
CS0STGM206	STG-Prelim Final HP turbine and "A" coupling alignment	3d	0%	20-Dec-12	26-Dec-12	■ STG-Prelim Final HP turbine and "A" coupling alignment																											
CS0STGM112	STG-Final Install and Fit # 1 & 2 Bearings	5d	0%	20-Dec-12	27-Dec-12	■ STG-Final Install and Fit # 1 & 2 Bearings																											
CS0STGM224	STG-Clean and install main steam leads-Final value Recheck	2d	0%	26-Dec-12	27-Dec-12	■ STG-Clean and install main steam leads-Final value Recheck																											
CS0STGM230	STG-Weld Balance Piping from HP to LP Turbine (Weld 10)	2d	0%	26-Dec-12	27-Dec-12	■ STG-Weld Balance Piping from HP to LP Turbine (Weld 10)																											

■ Actual Work
 ■ Critical Remaining Work
 ■ Remaining Work
 ◆ Milestone
 ▼ Summary

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																								
						N		D		J		F		March 2013		April 2013		May 2013		June 2013		July 2013		A		S																				
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	0	1	1	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0	0	1	1	2	0	1	1	2	0
SU01679	SSS-5-1 - CTO Walkdown	1d	0%	18-Apr-13	18-Apr-13	SSS-5-1 - CTO Walkdown																																								
SU01680	SSS-5-1 - Constr Comp Punchlist Items	2d	0%	19-Apr-13	20-Apr-13	SSS-5-1 - Constr Comp Punchlist Items																																								
SU01974	SSS-5-1 - Commission Gland Steam Condenser	1d	0%	22-Apr-13	22-Apr-13	SSS-5-1 - Commission Gland Steam Condenser																																								
SU01681	SSS-5-1 - System Commissioning	5d	0%	22-Apr-13	26-Apr-13	SSS-5-1 - System Commissioning																																								
SU01682	SSS-5-1 - Ready for Operations	1d	0%	26-Apr-13	27-Apr-13	SSS-5-1 - Ready for Operations																																								
PIPE RACK		55d		09-Jan-12 A	24-Jan-13	24-Jan-13, PIPE RACK																																								
CS-1SEQ-STL-003	Sequence 1 Detailing	1d	95%	11-Jun-12 A	29-Oct-12	Sequence 1 Detailing																																								
CS-5SEQ-STL-003	Sequence 5 Detailing	1d	98%	10-Sep-12 A	29-Oct-12	Sequence 5 Detailing																																								
CS-PR-FGS-PPG-001	Install Piperack FGS Pipe - FGS Header (0004 & 3002) toHRSG Area	1d	80%	23-Jul-12 A	30-Oct-12	Install Piperack FGS Pipe - FGS Header (0004 & 3002) toHRSG Area																																								
CS-PR-SAX-PPG-001	Install Piperack SAX Pipe - SAX Header (0003) to STG Area	3d	70%	15-Oct-12 A	31-Oct-12	Install Piperack SAX Pipe - SAX Header (0003) to STG Area																																								
NT-1000	Install Cable Tray - Pipe Rack Area	5d	75%	21-Aug-12 A	02-Nov-12	Install Cable Tray - Pipe Rack Area																																								
CS-4SEQ-STL-003	Sequence 4 Steel Detailing	5d	90%	15-Aug-12 A	02-Nov-12	Sequence 4 Steel Detailing																																								
CS-2SEQ-STL-003	Sequence 2 Detailing	6d	95%	11-Jun-12 A	05-Nov-12	Sequence 2 Detailing																																								
CS-PR-BBS-PPG-001	Install Piperack BBS Pipe - BBS Header (0001) to UG Stub	6d	68%	16-Jul-12 A	06-Nov-12	Install Piperack BBS Pipe - BBS Header (0001) to UG Stub																																								
CS-4SEQ-STL-004	Sequence 4.1 Aux. and 7.1 Grating, Handrail & Ladders	1d	0%	06-Nov-12	06-Nov-12	Sequence 4.1 Aux. and 7.1 Grating, Handrail & Ladders																																								
CS-CON-PPG-1030	Sequence Tee Poles Install (Qty - 2) in HRSG 3 Area	3d	0%	05-Nov-12*	07-Nov-12	Sequence Tee Poles Install (Qty - 2) in HRSG 3 Area																																								
CS-CON-PPG-1040	Sequence Tee Poles Install (Qty - 2) in HRSG 4 Area	3d	0%	05-Nov-12*	07-Nov-12	Sequence Tee Poles Install (Qty - 2) in HRSG 4 Area																																								
CS-CON-PPG-1010	Sequence Tee Poles Install (Qty - 4) in HRSG 1 Area	3d	0%	05-Nov-12*	08-Nov-12	Sequence Tee Poles Install (Qty - 4) in HRSG 1 Area																																								
CS-CON-PPG-1020	Sequence Tee Poles Install (Qty - 2) in HRSG 2 Area	3d	0%	05-Nov-12*	08-Nov-12	Sequence Tee Poles Install (Qty - 2) in HRSG 2 Area																																								
CS-1PR-SSH-PPG--001	Install Piperack SSH Pipe from HRSG #1	5d	90%	14-May-12 A	13-Nov-12	Install Piperack SSH Pipe from HRSG #1																																								
CS-2PR-SSH-PPG--001	Install Piperack SSH Pipe from HRSG #2	5d	90%	14-May-12 A	13-Nov-12	Install Piperack SSH Pipe from HRSG #2																																								
CS0BVDU10	FAB & INSTALL U/G BBS PIPING	11d	50%	09-Jan-12 A	14-Nov-12	FAB & INSTALL U/G BBS PIPING																																								
CS-4PR-SSH-PPG--001	Install Piperack SSH Pipe from HRSG #4	10d	90%	14-May-12 A	20-Nov-12	Install Piperack SSH Pipe from HRSG #4																																								
CS-CON-PPG-1000	Sequence Tee Poles Install (Qty - 52) in STG Area	15d	0%	05-Nov-12*	28-Nov-12	Sequence Tee Poles Install (Qty - 52) in STG Area																																								
CS-CON-PPG-1050	Sequence Tee Poles Install (Qty - 27) in Demin Tank Area	15d	0%	05-Nov-12*	28-Nov-12	Sequence Tee Poles Install (Qty - 27) in Demin Tank Area																																								
CS-CON-PPG-1060	Sequence Tee Poles Install (Qty - 4) in Cooling Tower Area	15d	0%	05-Nov-12*	28-Nov-12	Sequence Tee Poles Install (Qty - 4) in Cooling Tower Area																																								
CS-3PR-SSH-PPG--001	Install Piperack SSH Pipe from HRSG #3	20d	60%	14-May-12 A	06-Dec-12	Install Piperack SSH Pipe from HRSG #3																																								
EPY70113717	BOP STEEL - Install 7.1 Steel - PDC Access Platform & Stairs & Support Steel	5d	0%	03-Dec-12*	07-Dec-12	BOP STEEL - Install 7.1 Steel - PDC Access Platform & Stairs & Support Steel																																								
CS-PR-SHP-PPG--001	Install Piperack SHP Pipe	21d	80%	21-May-12 A	07-Dec-12	Install Piperack SHP Pipe																																								
CS-PR-SHP-PPG-002	Install Piperack SHP Pipe - Drip Leg to STG Area for Tie-in to Steam Drains Tank	6d	0%	10-Dec-12	17-Dec-12	Install Piperack SHP Pipe - Drip Leg to STG Area for Tie-in to Steam Drains Tank																																								
CS0FWSU20	FAB & INSTALL U/G FWS PIPING to Warehouse	20d	0%	03-Dec-12*	02-Jan-13	FAB & INSTALL U/G FWS PIPING to Warehouse																																								
CS-PR-CNS-PPG-001	Install Piperack CNS Pipe - Gland Strm Cond to Cond Prehtr Hdr	33d	15%	30-Oct-12 A	03-Jan-13	Install Piperack CNS Pipe - Gland Strm Cond to Cond Prehtr Hdr																																								
CS-PR-SSC-PPG-002	Install Piperack SSC Pipe - Drip Leg to STG Area for Tie-in to Steam Drain Tank	18d	0%	03-Dec-12	03-Jan-13	Install Piperack SSC Pipe - Drip Leg to STG Area for Tie-in to Steam Drain Tank																																								
CS-PR-CCF-PPG-001	Install Piperack CCF Pipe - Lines from HRSG Drops to STG Area for tie-in to CCF Skid	40d	0%	06-Nov-12	14-Jan-13	Install Piperack CCF Pipe - Lines from HRSG Drops to STG Area for tie-in to CCF Skid																																								
CS-2PR-SSH-PPG--00	Install Piperack SSH Pipe Closure Weld to HRSG #2	7d	0%	10-Jan-13*	22-Jan-13	Install Piperack SSH Pipe Closure Weld to HRSG #2																																								
CS-3PR-SSH-PPG--00	Install Piperack SSH Pipe closure weld to HRSG #3	7d	0%	10-Jan-13*	22-Jan-13	Install Piperack SSH Pipe closure weld to HRSG #3																																								
CS-SAX-PPG-002	Install SAX Piping at Aux Boiler	20d	0%	17-Dec-12*	24-Jan-13	Install SAX Piping at Aux Boiler																																								
CS-4PR-SSH-PPG--00	Install Piperack SSH Pipe closure weld to HRSG #4	7d	0%	14-Jan-13*	24-Jan-13	Install Piperack SSH Pipe closure weld to HRSG #4																																								
CS-1PR-SSH-PPG--00	Install SSH Pipe closure weld to HRSG #1	7d	0%	14-Jan-13*	24-Jan-13	Install SSH Pipe closure weld to HRSG #1																																								
BOP-HV/MV ELECT		56d		17-Sep-12 A	27-Jan-13	27-Jan-13, BOP-HV/MV ELECT																																								
NT-3260	Install MCCs and Switchgear - MCC/Switchgear - PDC Area	1d	75%	21-Sep-12 A	30-Oct-12	Install MCCs and Switchgear - MCC/Switchgear - PDC Area																																								
NT-3210	Install UPS System - UPS - PDC Area	5d	75%	19-Sep-12 A	02-Nov-12	Install UPS System - UPS - PDC Area																																								
NT-3250	Terms in DCS Cabinets - DCS - PDC Area	5d	90%	17-Sep-12 A	02-Nov-12	Terms in DCS Cabinets - DCS - PDC Area																																								
NT-DC01-10	DC-0-1-Install Conduit	4d	75%	23-Oct-12 A	02-Nov-12	DC-0-1-Install Conduit																																								
NT-3230	Connect Internal Wiring and Terms - UPS - PDC Area	1d	50%	26-Oct-12 A	05-Nov-12	Connect Internal Wiring and Terms - UPS - PDC Area																																								
NT-DC01-41	DC-0-1-Pull Power Cable	1d	0%	05-Nov-12	05-Nov-12	DC-0-1-Pull Power Cable																																								

█ Actual Work
 █ Critical Remaining Work
 ▾ Summary
█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Calendar																																							
						N				D				J				F				March 2013		April 2013		May 2013		June 2013		July 2013		A		S											
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	2	2	0	1	2	2	0	1	2	2	0	1
NT-DC01-51	DC-0-1-Pull Instrumentation / Communication Cable	1d	0%	05-Nov-12	05-Nov-12	■ DC-0-1-Pull Instrumentation / Communication Cable																																							
NT-LV01-20	ELV-5-1-Install Instrumentation	5d	0%	30-Oct-12	06-Nov-12	■ ELV-5-1-Install Instrumentation																																							
NT-LV02-20	ELV-5-2-Install Instrumentation	5d	0%	30-Oct-12	06-Nov-12	■ ELV-5-2-Install Instrumentation																																							
NT-DC01-42	DC-0-1-Term Power Cables	2d	0%	06-Nov-12	07-Nov-12	■ DC-0-1-Term Power Cables																																							
NT-DC01-52	DC-0-1-Term Communication & Instrumentation Cables	2d	0%	06-Nov-12	07-Nov-12	■ DC-0-1-Term Communication & Instrumentation Cables																																							
NT-DC01-99	DC-0-1-CTO	0d	0%		07-Nov-12	◆ DC-0-1-CTO																																							
NT-UPS01-99	UPS-0-1-CTO	0d	0%		07-Nov-12	◆ UPS-0-1-CTO																																							
SU01022	UPS-0-1 - CTO - Constr Comp	1d	0%	08-Nov-12	08-Nov-12	■ UPS-0-1 - CTO - Constr Comp																																							
SU01016	DC-0-1 - CTO - Constr Comp	1d	0%	08-Nov-12	08-Nov-12	■ DC-0-1 - CTO - Constr Comp																																							
SU01023	UPS-0-1 - CTO Walkdown	1d	0%	09-Nov-12	09-Nov-12	■ UPS-0-1 - CTO Walkdown																																							
SU01017	DC-0-1 - CTO Walkdown	1d	0%	09-Nov-12	09-Nov-12	■ DC-0-1 - CTO Walkdown																																							
SU01024	UPS-0-1 - Constr Comp Punchlist Items	2d	0%	10-Nov-12	12-Nov-12	■ UPS-0-1 - Constr Comp Punchlist Items																																							
SU01018	DC-0-1 - Constr Comp Punchlist Items	2d	0%	10-Nov-12	12-Nov-12	■ DC-0-1 - Constr Comp Punchlist Items																																							
NT-EMV01-31	EMV-5-1-Pull Control Cable	10d	0%	30-Oct-12	14-Nov-12	■ EMV-5-1-Pull Control Cable																																							
NT-EMV01-41	EMV-5-1-Pull Power Cable	10d	0%	30-Oct-12	14-Nov-12	■ EMV-5-1-Pull Power Cable																																							
NT-EMV01-51	EMV-5-1-Pull Instrumentation / Communication Cable	10d	0%	30-Oct-12	14-Nov-12	■ EMV-5-1-Pull Instrumentation / Communication Cable																																							
NT-EMV02-31	EMV-5-2-Pull Control Cable	10d	0%	30-Oct-12	14-Nov-12	■ EMV-5-2-Pull Control Cable																																							
NT-EMV02-51	EMV-5-2-Pull Instrumentation / Communication Cable	10d	0%	30-Oct-12	14-Nov-12	■ EMV-5-2-Pull Instrumentation / Communication Cable																																							
NT-EMV02-109	EMV-5-2-Pull Power Cable	10d	0%	30-Oct-12	14-Nov-12	■ EMV-5-2-Pull Power Cable																																							
SU01019	DC-0-1 - System Commissioning	3d	0%	12-Nov-12	15-Nov-12	■ DC-0-1 - System Commissioning																																							
SU01020	DC-0-1 - Ready for Operations	1d	0%	15-Nov-12	16-Nov-12	■ DC-0-1 - Ready for Operations																																							
NT-ESS01-20	ELV-5-3-Install Instrumentation	10d	0%	01-Nov-12	16-Nov-12	■ ELV-5-3-Install Instrumentation																																							
NT-3380	Re-Term Cables - Existing DCS Switchout - PDC Area	14d	0%	30-Oct-12	19-Nov-12	■ Re-Term Cables - Existing DCS Switchout - PDC Area																																							
CS0PDC51010	Complete Installation of Cable Tray after 7.1 Steel for PDC 5 Area	10d	0%	05-Nov-12*	20-Nov-12	■ Complete Installation of Cable Tray after 7.1 Steel for PDC 5 Area																																							
SU01025	UPS-0-1 - System Commissioning	5d	0%	16-Nov-12	21-Nov-12	■ UPS-0-1 - System Commissioning																																							
NT-3280	Feed Tie-Ins - MCC/Switchgear - PDC Area	1d	0%	20-Nov-12*	21-Nov-12	■ Feed Tie-Ins - MCC/Switchgear - PDC Area																																							
NT-PDC01-99	PDC-0-1-CTO	0d	0%		21-Nov-12	◆ PDC-0-1-CTO																																							
SU01026	UPS-0-1 - Ready for Operations	1d	0%	21-Nov-12	22-Nov-12	■ UPS-0-1 - Ready for Operations																																							
SU01010	PDC-0-1 - CTO - Constr Comp	1d	0%	21-Nov-12	22-Nov-12	■ PDC-0-1 - CTO - Constr Comp																																							
SU01011	PDC-0-1 - CTO Walkdown	1d	0%	22-Nov-12	23-Nov-12	■ PDC-0-1 - CTO Walkdown																																							
SU01012	PDC-0-1 - Constr Comp Punchlist Items	2d	0%	23-Nov-12	25-Nov-12	■ PDC-0-1 - Constr Comp Punchlist Items																																							
SU01013	PDC-0-1 - System Commissioning	2d	0%	25-Nov-12	27-Nov-12	■ PDC-0-1 - System Commissioning																																							
SU01014	PDC-0-1 - Ready for Operations	1d	0%	27-Nov-12	28-Nov-12	■ PDC-0-1 - Ready for Operations																																							
NT-LV01-31	ELV-5-1-Pull Control Cable	5d	0%	20-Nov-12	29-Nov-12	■ ELV-5-1-Pull Control Cable																																							
NT-LV01-41	ELV-5-1-Pull Power Cable	5d	0%	20-Nov-12	29-Nov-12	■ ELV-5-1-Pull Power Cable																																							
NT-LV01-51	ELV-5-1-Pull Instrumentation / Communication Cable	5d	0%	20-Nov-12	29-Nov-12	■ ELV-5-1-Pull Instrumentation / Communication Cable																																							
NT-LV02-31	ELV-5-2-Pull Control Cable	5d	0%	20-Nov-12	29-Nov-12	■ ELV-5-2-Pull Control Cable																																							
NT-LV02-41	ELV-5-2-Pull Power Cable	5d	0%	20-Nov-12	29-Nov-12	■ ELV-5-2-Pull Power Cable																																							
NT-LV02-51	ELV-5-2-Pull Instrumentation / Communication Cable	5d	0%	20-Nov-12	29-Nov-12	■ ELV-5-2-Pull Instrumentation / Communication Cable																																							
NT-EMV01-32	EMV-5-1-Term Control Cables	10d	0%	14-Nov-12	30-Nov-12	■ EMV-5-1-Term Control Cables																																							
NT-EMV01-42	EMV-5-1-Term Power Cables	10d	0%	14-Nov-12	30-Nov-12	■ EMV-5-1-Term Power Cables																																							
NT-EMV01-52	EMV-5-1-Term Communication & Instrumentation Cables	10d	0%	14-Nov-12	30-Nov-12	■ EMV-5-1-Term Communication & Instrumentation Cables																																							
NT-EMV01-99	EMV-5-1-CTO	0d	0%		30-Nov-12	◆ EMV-5-1-CTO																																							
NT-EMV02-32	EMV-5-2-Term Control Cables	10d	0%	14-Nov-12	30-Nov-12	■ EMV-5-2-Term Control Cables																																							
NT-EMV02-42	EMV-5-2-Term Power Cables	10d	0%	14-Nov-12	30-Nov-12	■ EMV-5-2-Term Power Cables																																							
NT-EMV02-52	EMV-5-2-Term Communication & Instrumentation Cables	10d	0%	14-Nov-12	30-Nov-12	■ EMV-5-2-Term Communication & Instrumentation Cables																																							
NT-EMV02-99	EMV-5-2-CTO	0d	0%		30-Nov-12	◆ EMV-5-2-CTO																																							

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Calendar																																							
						N		D		J		F		March 2013		April 2013		May 2013		June 2013		July 2013		A		S																			
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	1	2	2	0	1	1	2	0	1	2	2	0	1	1	2	0
SU01083	Commission BOP Elect. Systems	18d	0%	24-Dec-12	12-Jan-13																																								
NT-FWS01-21	FP-0-1-Install Tubing	5d	0%	09-Jan-13	16-Jan-13																																								
NT-FWS01-32	FP-0-1-Term Control Cables	5d	0%	09-Jan-13	16-Jan-13																																								
NT-FWS01-42	FP-0-1-Term Power Cables	5d	0%	09-Jan-13	16-Jan-13																																								
NT-FWS01-52	FP-0-1-Term Communication & Instrumentation Cables	5d	0%	09-Jan-13	16-Jan-13																																								
NT-FWS01-99	FP-0-1-CTO	0d	0%		16-Jan-13																																								
SU01076	FP-0-1 - CTO - Constr Comp	1d	0%	16-Jan-13	17-Jan-13																																								
SU01077	FP-0-1 - CTO Walkdown	1d	0%	18-Jan-13	18-Jan-13																																								
SU01078	FP-0-1 - Constr Comp Punchlist Items	2d	0%	19-Jan-13	21-Jan-13																																								
SU01079	FP-0-1 - System Commissioning	5d	0%	22-Jan-13	26-Jan-13																																								
SU01080	FP-0-1 - Ready for Operations	1d	0%	26-Jan-13	27-Jan-13																																								
FUEL GAS AREA		68d		29-Oct-12	12-Feb-13																																								
CS-CTO-PPG-MILE-076	CTO PRI-76 - FGS-2-1 - FUEL GAS SUPPLY FOR DBR - UNIT #2	0d	0%		29-Oct-12																																								
CS-CTO-PPG-MILE-077	CTO PRI-77 - FGS-3-1 - FUEL GAS SUPPLY FOR DBR - UNIT #3	0d	0%		30-Oct-12																																								
CS-CTO-PPG-MILE-078	CTO PRI-78 - FGS-1-1 - FUEL GAS SUPPLY FOR DBR - UNIT #1	0d	0%		30-Oct-12																																								
CS-CTO-PPG-MILE-079	CTO PRI-79 - FGS-4-1 - FUEL GAS SUPPLY FOR DBR - UNIT #4	0d	0%		06-Nov-12																																								
CS-FGA-WWC-PPG-C	Install Fuel Gas Area WWC Pipe	5d	0%	05-Nov-12	09-Nov-12																																								
CS-FGA-FGS-PPG-001	Install Fuel Gas Area FGS Pipe	30d	0%	29-Oct-12	12-Dec-12																																								
CS-CTO-PPG-MILE-075	CTO PRI-75 - FGS-0-1 - FUEL GAS COMMON	0d	0%		12-Dec-12																																								
CS-FGA-IAS-PPG-001	Install Fuel Gas Area IAS Pipe	5d	0%	13-Dec-12	19-Dec-12																																								
NT-2200	Install Cable Tray - Fuel Gas Area	20d	0%	05-Dec-12	09-Jan-13																																								
NT-2460	Install Control Panels - Fuel Gas Area	4d	0%	10-Jan-13	15-Jan-13																																								
NT-FGS01-10	Install Conduit - Fuel Gas Area	4d	0%	18-Jan-13	23-Jan-13																																								
NT-2450	Install Xformer - Fuel Gas Area	1d	0%	23-Jan-13	23-Jan-13																																								
NT-FGS01-20	Install Instrumentation - Fuel Gas Area	10d	0%	10-Jan-13	23-Jan-13																																								
NT-FGS01-31	Pull Control Cable - Fuel Gas Area	1d	0%	24-Jan-13	24-Jan-13																																								
NT-FGS01-51	Pull Instrumentation / Communication Cable - Fuel Gas Area	1d	0%	24-Jan-13	24-Jan-13																																								
NT-FGS01-32	Term Control Cables - Fuel Gas Area - CTO #1	1d	0%	25-Jan-13	25-Jan-13																																								
NT-FGS01-52	Term Communication & Instrumentation Cables - Fuel Gas Area - CTO #1	1d	0%	25-Jan-13	25-Jan-13																																								
NT-FGS01-41	Pull Power Cable - Fuel Gas Area	2d	0%	24-Jan-13	25-Jan-13																																								
NT-FGS01-42	Term Power Cables - Fuel Gas Area - CTO #1	1d	0%	28-Jan-13	28-Jan-13																																								
NT-FGS01-99	CTO #1 - Fuel Gas Area	0d	0%		28-Jan-13																																								
SU0FGS100	FGS-0-1 - CTO - Constr Comp	1d	0%	29-Jan-13	29-Jan-13																																								
SU0FGS101	FGS-0-1 - CTO Walkdown	1d	0%	30-Jan-13	30-Jan-13																																								
SU0FGS102	FGS-0-1 - Constr Comp Punchlist Items	2d	0%	31-Jan-13	01-Feb-13																																								
SU0FGS103	FGS-0-1 - System Commissioning	8d	0%	02-Feb-13	11-Feb-13																																								
SU0FGS104	FGS-0-1 - Ready for Operations	1d	0%	11-Feb-13	12-Feb-13																																								
WTR TREATMENT AREA		88d		11-Oct-12 A	13-Mar-13																																								
CS0CF2000	EXCAV/FORM/REBAR CYCLE CHEM FEED EQ FNDN	10d	25%	11-Oct-12 A	09-Nov-12																																								
CS0CF2016	POUR CONCRETE CYCLE CHEM FEED EQ FNDN	1d	0%	13-Nov-12	13-Nov-12																																								
CS0CF2018	BACKFILL CYCLE CHEM FEED EQ FNDN	1d	0%	19-Nov-12	19-Nov-12																																								
CS0CF2005	SET CYCLE CHEM FEED SKID	5d	0%	20-Nov-12	28-Nov-12																																								
NT-2220	Install Cable Tray - Water Treatment Area	14d	0%	20-Nov-12	12-Dec-12																																								
CS-CTO-PPG-MILE-039	CTO PRI-39 - DWP-0-1 - DEMIN WATER PRODUCTION	0d	0%		19-Dec-12																																								
CS-CTO-PPG-MILE-040	CTO PRI-40 - DWS-0-1 - DEMIN WATER STORAGE	0d	0%		19-Dec-12																																								
NT-DWP01-10	Install Conduit - Water Treatment Area	4d	0%	13-Dec-12	19-Dec-12																																								

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						N				D				J				F				March 2013			April 2013			May 2013			June 2013			July 2013			A			S								
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	2	0	1	2	2	0	1	1	2	2	0	1	1	2	2	0	1	1	2	0
NT-CW01-41	CW-0-1-Pull Power Cable	3d	0%	18-Feb-13	20-Feb-13																																											
NT-CF01-51	CF-0-1-Pull Instrumentation / Communication Cable	15d	0%	04-Feb-13	22-Feb-13																																											
NT-CW01-51	CW-0-1-Pull Instrumentation / Communication Cable	12d	0%	11-Feb-13	26-Feb-13																																											
NT-CF01-32	CF-0-1-Term Control Cables	7d	0%	20-Feb-13	28-Feb-13																																											
NT-CF01-42	CF-0-1-Term Power Cables	2d	0%	27-Feb-13	28-Feb-13																																											
NT-CF01-52	CF-0-1-Term Communication & Instrumentation Cables	4d	0%	25-Feb-13	28-Feb-13																																											
NT-CF01-99	CF-0-1-CTO	0d	0%		28-Feb-13																																											
SU01134	CF-0-1 - CTO - Constr Comp	1d	0%	01-Mar-13	01-Mar-13																																											
NT-CTW01-42	Term Power Cables - Circ Water/Cooling Tower Area - CTO #1	8d	0%	20-Feb-13	01-Mar-13																																											
NT-CTW01-32	Term Control Cables - Circ Water/Cooling Tower Area - CTO #1	7d	0%	21-Feb-13	01-Mar-13																																											
NT-CTW01-52	Term Communication & Instrumentation Cables - Circ Water/Cooling Tower Area - CTO #1	8d	0%	20-Feb-13	01-Mar-13																																											
NT-CTW01-99	CTO #1 - Circ Water/Cooling tower Area	0d	0%		01-Mar-13																																											
NT-CW01-21	CW-0-1-Install Tubing	1d	0%	01-Mar-13	01-Mar-13																																											
NT-CW01-32	CW-0-1-Term Control Cables	1d	0%	01-Mar-13	01-Mar-13																																											
NT-CW01-42	CW-0-1-Term Power Cables	1d	0%	01-Mar-13	01-Mar-13																																											
NT-CW01-52	CW-0-1-Term Communication & Instrumentation Cables	3d	0%	27-Feb-13	01-Mar-13																																											
NT-CW01-99	CW-0-1-CTO	0d	0%		01-Mar-13																																											
SU01135	CF-0-1 - CTO Walkdown	1d	0%	02-Mar-13	02-Mar-13																																											
SU01140	CTW-0-1 - CTO - Constr Comp	1d	0%	02-Mar-13	02-Mar-13																																											
SU01141	CTW-0-1 - CTO Walkdown	1d	0%	03-Mar-13	03-Mar-13																																											
SU01146	CW-0-1 - CTO - Constr Comp	1d	0%	04-Mar-13	04-Mar-13																																											
SU01147	CW-0-1 - CTO Walkdown	1d	0%	05-Mar-13	05-Mar-13																																											
SU01136	CF-0-1 - Constr Comp Punchlist Items	2d	0%	04-Mar-13	05-Mar-13																																											
SU01142	CTW-0-1 - Constr Comp Punchlist Items	2d	0%	04-Mar-13	05-Mar-13																																											
SU01148	CW-0-1 - Constr Comp Punchlist Items	2d	0%	06-Mar-13	07-Mar-13																																											
SU01143	CTW-0-1 - System Commissioning	5d	0%	06-Mar-13	10-Mar-13																																											
SU01144	CTW-0-1 - Ready for Operations	1d	0%	11-Mar-13	11-Mar-13																																											
SU01137	CF-0-1 - System Commissioning	5d	0%	11-Mar-13	15-Mar-13																																											
SU01138	CF-0-1 - Ready for Operations	1d	0%	15-Mar-13	16-Mar-13																																											
SU01149	CW-0-1 - System Commissioning	5d	0%	12-Mar-13	16-Mar-13																																											
SU01150	CW-0-1 - Ready for Operations	1d	0%	17-Mar-13	17-Mar-13																																											
LEFNDWHSE	WAREHOUSE/OFFICE FOUNDATION EXC/FORM/REBAR/POUR/BACKFILL	88d	0%	19-Dec-12	26-Apr-13																																											
BOP-WTR TREATMENT/AUX BOILER AREA		73d		29-Oct-12	22-Feb-13																																											
CS-STG-DMN-PPG-00	Install Condenser Area DMN Fill Pipe	30d	0%	29-Oct-12	12-Dec-12																																											
CS-WTA-DMN-PPG-00	Install WT Area DMN Pipe	15d	0%	28-Nov-12	19-Dec-12																																											
CS-WTA-RWS-PPG-00	Install WT Area RWS Pipe	5d	0%	19-Dec-12	03-Jan-13																																											
CS-CTO-PPG-MILE-074	CTO PRI-74 - AS-0-1 - AUXILIARY STEAM	0d	0%		22-Feb-13																																											
NEW WAREHOUSE / OFFICE BLDG		84d		19-Dec-12	23-Apr-13																																											
CS0WHSE100	Site Grading & EXC/FORM/REBAR/Pour/Cure WHSE/OFFICE BLDG FNDN Per Sub Sch	24d	0%	19-Dec-12	25-Jan-13																																											
CS0WW-U01	INSTALL U/G SWW PIPING-OFFICE TO WHSE	10d	0%	18-Jan-13	01-Feb-13																																											
CS0WHSE105	ERECT WHSE/OFFICE BLDG INCLUDING TRIM OUT - Per Sub schd 5-7-12=>7-23-12	55d	0%	28-Jan-13	15-Apr-13																																											
SU01220	BLD-0-1 - CTO - Constr Comp	1d	0%	15-Apr-13	16-Apr-13																																											
SU01221	BLD-0-1 - CTO Walkdown	1d	0%	17-Apr-13	17-Apr-13																																											
SU01222	BLD-0-1 - Constr Comp Punchlist Items	2d	0%	18-Apr-13	19-Apr-13																																											
SU01223	BLD-0-1 - System Commissioning	2d	0%	20-Apr-13	22-Apr-13																																											
SU01224	BLD-0-1 - Ready for Operations	1d	0%	22-Apr-13	23-Apr-13																																											

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						N							D							J							F							March 2013	April 2013	May 2013	June 2013	July 2013	A	S						
						2	2	0	1	1	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2	2	0	1	1	2	0
EXISTING CONTROL ROOM AND OFFICE BLDG						16-Jan-13, EXISTING CONTROL ROOM AND OFFICE BLDG																																								
ELECSUB160	ELEC - DEMO / MODIFICATIONS - Rework Control Room and Other DCS Cabinets.	10d	90%	09-Jul-12 A	09-Nov-12	ELEC - DEMO / MODIFICATIONS - Rework Control Room and Other DCS Cabinets.																																								
NT-3300	Install Consoles (CRT's etc) - Control Room Area	10d	0%	30-Oct-12	13-Nov-12	Install Consoles (CRT's etc) - Control Room Area																																								
NT-3310	Term Cables for Consoles and Cabinets - Control Room Area	4d	0%	14-Nov-12*	19-Nov-12	Term Cables for Consoles and Cabinets - Control Room Area																																								
NT-DCS01-99	DCS-0-1-CTO	0d	0%		19-Nov-12	◆ DCS-0-1-CTO																																								
SU01085	DCS-0-1 - CTO - Constr Comp	1d	0%	21-Nov-12	22-Nov-12	■ DCS-0-1 - CTO - Constr Comp																																								
SU01086	DCS-0-1 - CTO Walkdown	1d	0%	22-Nov-12	23-Nov-12	■ DCS-0-1 - CTO Walkdown																																								
SU01087	DCS-0-1 - Constr Comp Punchlist Items	2d	0%	23-Nov-12	25-Nov-12	■ DCS-0-1 - Constr Comp Punchlist Items																																								
SU01088	DCS-0-1 - Initial Check out and System Ready for Loop Checks	14d	0%	25-Nov-12	09-Dec-12	■ DCS-0-1 - Initial Check out and System Ready for Loop Checks																																								
SU02206	DCS-0-1 - Complete DCS Commissioning	7d	0%	09-Dec-12	16-Dec-12	■ DCS-0-1 - Complete DCS Commissioning																																								
SU01089	DCS-0-1 - Ready for Operations	1d	0%	16-Dec-12	17-Dec-12	■ DCS-0-1 - Ready for Operations																																								
SU01924	DCS-0-1 - Mark VI Look Checks	18d	0%	18-Dec-12	16-Jan-13	■ DCS-0-1 - Mark VI Look Checks																																								
BALANCE OF PLANT MISC.						14-Jun-13, BALANCE OF PLANT																																								
LEUGPIPE	INSTALL U/G PIPING BOP	14d	90%	06-Jun-11 A	16-Nov-12	INSTALL U/G PIPING BOP																																								
ELECSUB170	ELEC - DEMO / MODIFICATIONS -Install DCS Engineering Work Station in Control Room	2d	0%	16-Nov-12*	19-Nov-12	■ ELEC - DEMO / MODIFICATIONS -Install DCS Engineering Work Station in Control Room																																								
SU01267	CTH-0-1 - CTO - Constr Comp	1d	0%	01-Dec-12*	01-Dec-12	■ CTH-0-1 - CTO - Constr Comp																																								
SU01268	CTH-0-1 - CTO Walkdown	1d	0%	03-Dec-12	03-Dec-12	■ CTH-0-1 - CTO Walkdown																																								
SU01269	CTH-0-1 - Constr Comp Punchlist Items	2d	0%	04-Dec-12	05-Dec-12	■ CTH-0-1 - Constr Comp Punchlist Items																																								
CSK023265	4300-012, INSUL / HT TRACE - Site Mobilization	10d	0%	05-Dec-12	18-Dec-12	■ 4300-012, INSUL / HT TRACE - Site Mobilization																																								
CSK022265	4300-010, AG FIRE PROT - Site Mobilization	5d	0%	17-Dec-12	21-Dec-12	■ 4300-010, AG FIRE PROT - Site Mobilization																																								
CS081485	INSTALL ROAD BED AT STG	5d	0%	02-Jan-13*	08-Jan-13	■ INSTALL ROAD BED AT STG																																								
CS0HT-1E10	HT-0-1 - INSTALL POWER CONDUIT	10d	0%	26-Dec-12	09-Jan-13	■ HT-0-1 - INSTALL POWER CONDUIT																																								
CS0SIT501	RESPREAD STONE COVER WEST	10d	0%	02-Jan-13*	15-Jan-13	■ RESPREAD STONE COVER WEST																																								
SU01270	CTH-0-1 - System Commissioning	2d	0%	14-Jan-13	15-Jan-13	■ CTH-0-1 - System Commissioning																																								
SU01271	CTH-0-1 - Ready for Operations	1d	0%	15-Jan-13	16-Jan-13	■ CTH-0-1 - Ready for Operations																																								
CS0FAS01-05	FAS-0-1-Install Eqpt / Panels	15d	0%	26-Dec-12	16-Jan-13	■ FAS-0-1-Install Eqpt / Panels																																								
CS081497	INSTALL ROAD BED AT COOLING TOWER	10d	0%	08-Jan-13	18-Jan-13	■ INSTALL ROAD BED AT COOLING TOWER																																								
CS0FAS01-10	FAS-0-1-Install Conduit	15d	0%	31-Dec-12	22-Jan-13	■ FAS-0-1-Install Conduit																																								
CS0SIT502	RESPREAD STONE COVER EAST	15d	0%	16-Jan-13	06-Feb-13	■ RESPREAD STONE COVER EAST																																								
CS0HT-1E05	HT-0-1 - INSTALL HT DISTRIBUTION PANEL	30d	0%	26-Dec-12	07-Feb-13	■ HT-0-1 - INSTALL HT DISTRIBUTION PANEL																																								
CS0FAS01-31	FAS-0-1-Pull Cable	15d	0%	23-Jan-13	12-Feb-13	■ FAS-0-1-Pull Cable																																								
CS0HT-1E12	HT-0-1 - PULL POWER CABLE	10d	0%	08-Feb-13	22-Feb-13	■ HT-0-1 - PULL POWER CABLE																																								
CS0FAS01-32	FAS-0-1-Term Cable	15d	0%	13-Feb-13	06-Mar-13	■ FAS-0-1-Term Cable																																								
CS0FAS01-99	FAS-0-1-CTO	0d	0%		06-Mar-13	◆ FAS-0-1-CTO																																								
SU01226	FAS-0-1 - CTO - Constr Comp	1d	0%	06-Mar-13	07-Mar-13	■ FAS-0-1 - CTO - Constr Comp																																								
CS0HT-1E11	HT-0-1 - GROUND EQPT	10d	0%	25-Feb-13	08-Mar-13	■ HT-0-1 - GROUND EQPT																																								
CS0HT-1E13	HT-0-1 - TERM POWER CABLE	10d	0%	25-Feb-13	08-Mar-13	■ HT-0-1 - TERM POWER CABLE																																								
SU01227	FAS-0-1 - CTO Walkdown	1d	0%	08-Mar-13	08-Mar-13	■ FAS-0-1 - CTO Walkdown																																								
SU01261	HT-0-1 - CTO - Constr Comp	1d	0%	08-Mar-13	09-Mar-13	■ HT-0-1 - CTO - Constr Comp																																								
SU01262	HT-0-1 - CTO Walkdown	1d	0%	11-Mar-13	11-Mar-13	■ HT-0-1 - CTO Walkdown																																								
SU01228	FAS-0-1 - Constr Comp Punchlist Items	2d	0%	09-Mar-13	11-Mar-13	■ FAS-0-1 - Constr Comp Punchlist Items																																								
CS013510	FINAL STEEL & EQUIPMENT TOUCH UP PAINTING	60d	0%	13-Dec-12	13-Mar-13	■ FINAL STEEL & EQUIPMENT TOUCH UP PAINTING																																								
SU01263	HT-0-1 - Constr Comp Punchlist Items	2d	0%	12-Mar-13	13-Mar-13	■ HT-0-1 - Constr Comp Punchlist Items																																								
SU01229	FAS-0-1 - System Commissioning	2d	0%	11-Mar-13	13-Mar-13	■ FAS-0-1 - System Commissioning																																								
SU01230	FAS-0-1 - Ready for Operations	1d	0%	13-Mar-13	14-Mar-13	■ FAS-0-1 - Ready for Operations																																								
SU01264	HT-0-1 - System Commissioning	10d	0%	14-Mar-13	25-Mar-13	■ HT-0-1 - System Commissioning																																								

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						N							D							J							F							March 2013	April 2013	May 2013	June 2013	July 2013	A	S							
						2	2	0	1	1	2	0	1	1	2	0	1	1	2	3	0	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1	2
SU01265	HT-0-1 - Ready for Operations	1d	0%	25-Mar-13	26-Mar-13	HT-0-1 - Ready for Operations																																									
NT-SS01-10	SS-0-1-Install Conduit	1d	0%	28-Mar-13	29-Mar-13	SS-0-1-Install Conduit																																									
NT-SS01-20	SS-0-1-Install Instrumentation	9d	0%	18-Mar-13	29-Mar-13	SS-0-1-Install Instrumentation																																									
NT-SS01-41	SS-0-1-Pull Power Cable	1d	0%	29-Mar-13	01-Apr-13	SS-0-1-Pull Power Cable																																									
CSRESHD27	PAINTING PIPE	70d	0%	14-Jan-13	23-Apr-13	PAINTING PIPE																																									
CS081527	REGRADE / INSTALL NEW PAVEMENT AT WHSE	5d	0%	22-Apr-13*	26-Apr-13	REGRADE / INSTALL NEW PAVEMENT AT WHSE																																									
CS081517	REGRADE / INSTALL NEW PAVMENT AT COOLING TOWER	5d	0%	29-Apr-13	03-May-13	REGRADE / INSTALL NEW PAVMENT AT COOLING TOWER																																									
CS081537	REGRADE / INSTALL NEW PAVEMENT AT STG	5d	0%	06-May-13	10-May-13	REGRADE / INSTALL NEW PAVEMENT AT STG																																									
NT-SS01-51	SS-0-1-Pull Instrumentation / Communication Cable	1d	0%	24-May-13	28-May-13	SS-0-1-Pull Instrumentation / Communication Cable																																									
NT-SS01-21	SS-0-1-Install Tubing	4d	0%	24-May-13	31-May-13	SS-0-1-Install Tubing																																									
NT-SS01-42	SS-0-1-Term Power Cables	1d	0%	30-May-13	31-May-13	SS-0-1-Term Power Cables																																									
NT-SS01-52	SS-0-1-Term Communication & Instrumentation Cables	1d	0%	30-May-13	31-May-13	SS-0-1-Term Communication & Instrumentation Cables																																									
NT-SS01-99	SS-0-1-CTO	0d	0%		31-May-13	SS-0-1-CTO																																									
SU01901	SS-0-1 - CTO - Constr Comp	1d	0%	31-May-13	01-Jun-13	SS-0-1 - CTO - Constr Comp																																									
SU02025	SS-0-1 - CTO Walkdown	1d	0%	03-Jun-13	03-Jun-13	SS-0-1 - CTO Walkdown																																									
SU02026	SS-0-1 - Constr Comp Punchlist Items	2d	0%	04-Jun-13	05-Jun-13	SS-0-1 - Constr Comp Punchlist Items																																									
SU02027	SS-0-1 - System Commissioning	7d	0%	06-Jun-13	13-Jun-13	SS-0-1 - System Commissioning																																									
SU02028	SS-0-1 - Ready for Operations	1d	0%	13-Jun-13	14-Jun-13	SS-0-1 - Ready for Operations																																									
BOP-LIGHTING		104d		17-Sep-12 A	10-May-13	10-May-13, BOP-LIGHTING																																									
NT-2760	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Pipe Rack Area	17d	0%	10-Dec-12*	09-Jan-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Pipe Rack Area																																									
NT-3120	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Circ Water/Cooling Tower Area	2d	0%	14-Mar-13	15-Mar-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Circ Water/Cooling Tower Area																																									
NT-3160	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - BOP Area	2d	0%	18-Mar-13	19-Mar-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - BOP Area																																									
NT-2840	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #2 Area	2d	50%	25-Sep-12 A	21-Mar-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #2 Area																																									
NT-2850	Install Lighting Conduit - HRSG #2 Area	2d	75%	27-Sep-12 A	25-Mar-13	Install Lighting Conduit - HRSG #2 Area																																									
NT-2880	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #4 Area	2d	0%	22-Mar-13	25-Mar-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #4 Area																																									
NT-2920	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #1 Area	2d	0%	26-Mar-13	27-Mar-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #1 Area																																									
NT-2930	Install Lighting Conduit - HRSG #1 Area	2d	75%	01-Oct-12 A	29-Mar-13	Install Lighting Conduit - HRSG #1 Area																																									
NT-2960	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - STG Area	2d	0%	28-Mar-13	29-Mar-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - STG Area																																									
NT-2860	Pull Lighting Cable - HRSG #2 Area	5d	0%	26-Mar-13	01-Apr-13	Pull Lighting Cable - HRSG #2 Area																																									
NT-3000	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Fuel Gas Area	2d	0%	01-Apr-13	02-Apr-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Fuel Gas Area																																									
NT-3040	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Water Treatment Area	2d	0%	03-Apr-13	04-Apr-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Water Treatment Area																																									
NT-2940	Pull Lighting Cable - HRSG #1 Area	5d	0%	01-Apr-13	05-Apr-13	Pull Lighting Cable - HRSG #1 Area																																									
NT-3080	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Ammonia Storage Area	2d	0%	05-Apr-13	08-Apr-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Ammonia Storage Area																																									
NT-3130	Install Lighting Conduit - Circ Water/Cooling Tower Area	17d	0%	18-Mar-13	09-Apr-13	Install Lighting Conduit - Circ Water/Cooling Tower Area																																									
NT-2800	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #3 Area	2d	0%	09-Apr-13	10-Apr-13	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #3 Area																																									
NT-3170	Install Lighting Conduit - BOP Area	17d	0%	20-Mar-13*	11-Apr-13	Install Lighting Conduit - BOP Area																																									
NT-2770	Install Lighting Conduit - Pipe Rack Area	17d	0%	21-Mar-13	12-Apr-13	Install Lighting Conduit - Pipe Rack Area																																									
NT-3140	Pull Lighting Cable - Circ Water/Cooling Tower Area	5d	0%	10-Apr-13	16-Apr-13	Pull Lighting Cable - Circ Water/Cooling Tower Area																																									
NT-2810	Install Lighting Conduit - HRSG #3 Area	5d	90%	17-Sep-12 A	17-Apr-13	Install Lighting Conduit - HRSG #3 Area																																									
NT-2890	Install Lighting Conduit - HRSG #4 Area	17d	0%	26-Mar-13	17-Apr-13	Install Lighting Conduit - HRSG #4 Area																																									
NT-3180	Pull Lighting Cable - BOP Area	5d	0%	12-Apr-13	18-Apr-13	Pull Lighting Cable - BOP Area																																									
NT-2780	Pull Lighting Cable - Pipe Rack Area	5d	0%	15-Apr-13	19-Apr-13	Pull Lighting Cable - Pipe Rack Area																																									
NT-2970	Install Lighting Conduit - STG Area	17d	0%	01-Apr-13	23-Apr-13	Install Lighting Conduit - STG Area																																									
NT-2820	Pull Lighting Cable - HRSG #3 Area	5d	0%	18-Apr-13	24-Apr-13	Pull Lighting Cable - HRSG #3 Area																																									
NT-2900	Pull Lighting Cable - HRSG #4 Area	5d	0%	18-Apr-13	24-Apr-13	Pull Lighting Cable - HRSG #4 Area																																									
NT-3010	Install Lighting Conduit - Fuel Gas Area	17d	0%	03-Apr-13	25-Apr-13	Install Lighting Conduit - Fuel Gas Area																																									
NT-3050	Install Lighting Conduit - Water Treatment Area	17d	0%	05-Apr-13	29-Apr-13	Install Lighting Conduit - Water Treatment Area																																									

█ Actual Work
 █ Critical Remaining Work
 ▾ Summary
█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																									
						N							D							J							F							March 2013		April 2013		May 2013		June 2013		July 2013		A		S	
						2	2	0	1	2	0	1	2	0	1	2	0	1	2	3	0	1	2	0	1	2	2	0	1	2	0	1	2	0	1	2	0	1	2	2	0	1	2	0	1	2	0
SU01095	WW-0-1 - Ready for Operations	1d	0%	12-Mar-13	13-Mar-13	■ WW-0-1 - Ready for Operations																																									
BOP-PLANT AIR						▶ 27-Jan-13, BOP-PLANT AIR																																									
CS-PR-SAS-PPG1	Install Pipe Rack SAS Pipe	5d	0%	17-Dec-12*	31-Dec-12	■ Install Pipe Rack SAS Pipe																																									
NT4-2610	Install Cable Tray - Plant Air Area	14d	0%	05-Dec-12	31-Dec-12	■ Install Cable Tray - Plant Air Area																																									
CS-OTHER-SAS-PF	Install Warehouse Supply SAS Pipe	4d	0%	31-Dec-12*	07-Jan-13	■ Install Warehouse Supply SAS Pipe																																									
CS-CCF-SAS-PPG1	Install Cycle Chem Feed Area SAS Pipe	5d	0%	31-Dec-12	08-Jan-13	■ Install Cycle Chem Feed Area SAS Pipe																																									
NT4-2670	Install Control Panels - Plant Air Area	4d	0%	03-Jan-13	08-Jan-13	■ Install Control Panels - Plant Air Area																																									
CS-CTO-PPG-MILE	CTO PRI-35 - PA-0-1 - PLANT / INSTRUMENT AIR	0d	0%		09-Jan-13	◆ CTO PRI-35 - PA-0-1 - PLANT / INSTRUMENT AIR																																									
NT-PA01-10	Install Conduit - Plant Air Area	4d	0%	03-Jan-13	09-Jan-13	■ Install Conduit - Plant Air Area																																									
NT-PA01-20	Install Instrumentation - Plant Air Area	1d	0%	08-Jan-13	09-Jan-13	■ Install Instrumentation - Plant Air Area																																									
NT-PA01-31	Pull Control Cable - Plant Air Area	2d	0%	09-Jan-13	10-Jan-13	■ Pull Control Cable - Plant Air Area																																									
NT-PA01-32	Term Control Cables - Plant Air Area - CTO #1	1d	0%	11-Jan-13	11-Jan-13	■ Term Control Cables - Plant Air Area - CTO #1																																									
NT-PA01-51	Pull Instrumentation / Communication Cable - Plant Air Area	4d	0%	09-Jan-13	14-Jan-13	■ Pull Instrumentation / Communication Cable - Plant Air Area																																									
NT4-2660	Install Xformer - Plant Air Area	1d	0%	16-Jan-13	16-Jan-13	■ Install Xformer - Plant Air Area																																									
NT-PA01-52	Term Communication & Instrumentation Cables - Plant Air Area - CTO #1	2d	0%	15-Jan-13	16-Jan-13	■ Term Communication & Instrumentation Cables - Plant Air Area - CTO #1																																									
NT-PA01-99	CTO #1 - Plant Air Area	0d	0%		16-Jan-13	◆ CTO #1 - Plant Air Area																																									
SU01122	PA-0-1 - CTO - Constr Comp	1d	0%	17-Jan-13	17-Jan-13	■ PA-0-1 - CTO - Constr Comp																																									
SU01123	PA-0-1 - CTO Walkdown	1d	0%	18-Jan-13	18-Jan-13	■ PA-0-1 - CTO Walkdown																																									
SU01124	PA-0-1 - Constr Comp Punchlist Items	2d	0%	19-Jan-13	21-Jan-13	■ PA-0-1 - Constr Comp Punchlist Items																																									
SU01125	PA-0-1 - System Commissioning	5d	0%	21-Jan-13	26-Jan-13	■ PA-0-1 - System Commissioning																																									
SU01126	PA-0-1 - Ready for Operations	1d	0%	26-Jan-13	27-Jan-13	■ PA-0-1 - Ready for Operations																																									
BOP-POTABLE WATER						▶ 27-Feb-13, BOP-POTABLE WATER																																									
CS0PW-Q01	INSTALL SAFETY SHOWERS	5d	0%	29-Nov-12	05-Dec-12	■ INSTALL SAFETY SHOWERS																																									
CS-OTHER-PWS-P	Install A/G PWS Pipe to Warehouse	4d	0%	08-Jan-13	14-Jan-13	■ Install A/G PWS Pipe to Warehouse																																									
CS-CTO-PPG-MILE	CTO PRI-36 - PW-0-1 - POTABLE WATER / SAFETY SHOWERS	0d	0%		14-Jan-13	◆ CTO PRI-36 - PW-0-1 - POTABLE WATER / SAFETY SHOWERS																																									
NT-PW01-20	PW-0-1-Install Instrumentation	1d	0%	25-Jan-13	28-Jan-13	■ PW-0-1-Install Instrumentation																																									
NT-PW01-10	PW-0-1-Install Conduit	1d	0%	29-Jan-13	30-Jan-13	■ PW-0-1-Install Conduit																																									
NT-PW01-51	PW-0-1-Pull Instrumentation / Communication Cable	1d	0%	13-Feb-13	14-Feb-13	■ PW-0-1-Pull Instrumentation / Communication Cable																																									
NT-PW01-52	PW-0-1-Term Communication & Instrumentation Cables	1d	0%	14-Feb-13	15-Feb-13	■ PW-0-1-Term Communication & Instrumentation Cables																																									
NT-PW01-99	PW-0-1-CTO	0d	0%		15-Feb-13	◆ PW-0-1-CTO																																									
SU01128	PW-0-1 - CTO - Constr Comp	1d	0%	15-Feb-13	16-Feb-13	■ PW-0-1 - CTO - Constr Comp																																									
SU01129	PW-0-1 - CTO Walkdown	1d	0%	16-Feb-13	18-Feb-13	■ PW-0-1 - CTO Walkdown																																									
SU01130	PW-0-1 - Constr Comp Punchlist Items	2d	0%	18-Feb-13	20-Feb-13	■ PW-0-1 - Constr Comp Punchlist Items																																									
SU01131	PW-0-1 - System Commissioning	5d	0%	20-Feb-13	26-Feb-13	■ PW-0-1 - System Commissioning																																									
SU01132	PW-0-1 - Ready for Operations	1d	0%	26-Feb-13	27-Feb-13	■ PW-0-1 - Ready for Operations																																									
BOP-COMPRESSED GAS						▶ 05-Mar-13, BOP-COMPRESSED GAS																																									
CS-CTO-PPG-MILE	CTO PRI-66 - CGS-0-1 - COMPRESSED GAS (N2)	0d	0%		25-Feb-13	◆ CTO PRI-66 - CGS-0-1 - COMPRESSED GAS (N2)																																									
SU01232	CGS-0-1 - CTO - Constr Comp	1d	0%	26-Feb-13	26-Feb-13	■ CGS-0-1 - CTO - Constr Comp																																									
SU01233	CGS-0-1 - CTO Walkdown	1d	0%	27-Feb-13	27-Feb-13	■ CGS-0-1 - CTO Walkdown																																									
SU01234	CGS-0-1 - Constr Comp Punchlist Items	2d	0%	28-Feb-13	01-Mar-13	■ CGS-0-1 - Constr Comp Punchlist Items																																									
SU01235	CGS-0-1 - System Commissioning	2d	0%	02-Mar-13	04-Mar-13	■ CGS-0-1 - System Commissioning																																									
SU01236	CGS-0-1 - Ready for Operations	1d	0%	04-Mar-13	05-Mar-13	■ CGS-0-1 - Ready for Operations																																									
BOP-STEAM WATER PANEL						▶ 20-Mar-13, BOP-STEAM WATER PANEL																																									
CS081487	INSTALL SAMPLE PANEL	3d	0%	21-Nov-12	28-Nov-12	■ INSTALL SAMPLE PANEL																																									
CS-CTO-PPG-MILE	CTO PRI-114 - SWA-0-1 - STEAM and WATER ANALYSIS	0d	0%		03-Jan-13	◆ CTO PRI-114 - SWA-0-1 - STEAM and WATER ANALYSIS																																									
CS-STG-SAP-PPG-	Install STG Area SAP Pipe	20d	0%	28-Nov-12	03-Jan-13	■ Install STG Area SAP Pipe																																									

■ Actual Work
 ■ Critical Remaining Work
 ▶ Summary
■ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																								
						N		D		J		F		March 2013		April 2013		May 2013		June 2013		July 2013		A		S																				
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0	1	1	2	0	1	1	2	0
NT-SWA01-10	Install Conduit - SWAArea	10d	0%	12-Dec-12	03-Jan-13	Install Conduit - SWAArea																																								
NT7-2670	Install Control Panels - SWAArea	4d	0%	20-Dec-12	03-Jan-13	Install Control Panels - SWAArea																																								
NT-SWA01-20	Install Instrumentation - SWAArea	30d	0%	09-Nov-12	03-Jan-13	Install Instrumentation - SWAArea																																								
CS-SWA-PPG1	Install SWA Tubing	20d	0%	28-Nov-12	03-Jan-13	Install SWA Tubing																																								
NT-SWA01-41	Pull Power Cable - SWAArea	2d	0%	03-Jan-13	07-Jan-13	Pull Power Cable - SWAArea																																								
NT-SWA01-42	Term Power Cables - SWA	1d	0%	07-Jan-13	08-Jan-13	Term Power Cables - SWA																																								
NT-SWA01-21	Install Tubing - SWA Area	35d	0%	03-Jan-13	21-Feb-13	Install Tubing - SWA Area																																								
NT-SWA01-51	Pull Instrumentation / Communication Cable - SWAArea	8d	0%	22-Feb-13	05-Mar-13	Pull Instrumentation / Communication Cable - SWAArea																																								
NT7-2660	Install Xformer - SWAArea	1d	0%	12-Mar-13	12-Mar-13	Install Xformer - SWAArea																																								
NT-SWA01-52	Term Communication & Instrumentation Cables - SWA	5d	0%	06-Mar-13	12-Mar-13	Term Communication & Instrumentation Cables - SWA																																								
NT-SWA01-99	CTO - SWA Area	0d	0%		12-Mar-13	CTO - SWA Area																																								
SU01696	SWA-0-1 - CTO - Constr Comp	1d	0%	13-Mar-13	13-Mar-13	SWA-0-1 - CTO - Constr Comp																																								
SU01697	SWA-0-1 - CTO Walkdown	1d	0%	14-Mar-13	14-Mar-13	SWA-0-1 - CTO Walkdown																																								
SU01698	SWA-0-1 - Constr Comp Punchlist Items	2d	0%	15-Mar-13	16-Mar-13	SWA-0-1 - Constr Comp Punchlist Items																																								
SU01699	SWA-0-1 - System Commissioning	2d	0%	18-Mar-13	19-Mar-13	SWA-0-1 - System Commissioning																																								
SU01700	SWA-0-1 - Ready for Operations	1d	0%	19-Mar-13	20-Mar-13	SWA-0-1 - Ready for Operations																																								
PROCUREMENT		192d		26-Apr-11 A	07-Aug-13	07-Aug-13																																								
EPY70113707	BOP STEEL - Receive Seq 7.4 Steel - CW Supports @ CT Risers	0d	0%		29-Oct-12*	BOP STEEL - Receive Seq 7.4 Steel - CW Supports @ CT Risers																																								
EPY701137081000	BOP STEEL - Receive Seq TEE POLES (2100-005A, T-Poles 10-29)	0d	0%		29-Oct-12*	BOP STEEL - Receive Seq TEE POLES (2100-005A, T-Poles 10-29)																																								
EPY2500025	Non Metallic Expansion Joints -Fabricate and Deliver (2ea CWS, 3ea CNS) Del 10-25-12	0d	100%	01-Sep-11 A	29-Oct-12	Non Metallic Expansion Joints -Fabricate and Deliver (2ea CWS, 3ea CNS) Del 10-25-12																																								
EPY70119954	INLINE INSTR-Fab & Del - 2400-012F Turbine Flow Meter (Ready to Deliver Need C/O \$\$	0d	0%	27-Aug-12 A	29-Oct-12	INLINE INSTR-Fab & Del - 2400-012F Turbine Flow Meter (Ready to Deliver Need C/O \$\$ Approved.FC 10-12 Paid)																																								
EPY70120004	Metal Expansion Joints-Commercial Eval/Bid Tab/Negotiate and Award PO (added two new	0d	0%	08-Oct-12 A	29-Oct-12	Metal Expansion Joints-Commercial Eval/Bid Tab/Negotiate and Award PO (added two new Joints bids due 10-12)																																								
CSK023120	4300-012, INSUL / HT TRACE - Pre-Bid Meeting	1d	0%	29-Oct-12	29-Oct-12	4300-012, INSUL / HT TRACE - Pre-Bid Meeting																																								
CSK026120	4600-005, STEAM BLOW - Pre-Bid Meeting	1d	0%	29-Oct-12	29-Oct-12	4600-005, STEAM BLOW - Pre-Bid Meeting																																								
CSK217560	4610-001, ELECT TESTING - Prepare & Issue Final Subcontract Documents	2d	0%	29-Oct-12	30-Oct-12	4610-001, ELECT TESTING - Prepare & Issue Final Subcontract Documents																																								
CSK022125	4300-010, AG FIRE PROT - Bid Period	2d	0%	21-Sep-12 A	30-Oct-12	4300-010, AG FIRE PROT - Bid Period																																								
CSK025135	4600-004, CHEM CLEAN - Prepare Final Bid Tabs	2d	0%	29-Oct-12	30-Oct-12	4600-004, CHEM CLEAN - Prepare Final Bid Tabs																																								
EPY704620	Just the Switchgear for Secondary Unit Substation -Receive on Site (at sites request)	0d	0%		31-Oct-12	Just the Switchgear for Secondary Unit Substation -Receive on Site (at sites request)																																								
EPY70119924	4ea BBS, 1ea SDN Silencers - Receive on Site	0d	0%		31-Oct-12	4ea BBS, 1ea SDN Silencers - Receive on Site																																								
EPY70120044	BULK CABLE-Receive on Site	0d	0%		31-Oct-12	BULK CABLE-Receive on Site																																								
CSK205520	4200-018, PTG/COATING - Pre-Bid Meeting	1d	0%	31-Oct-12	31-Oct-12	4200-018, PTG/COATING - Pre-Bid Meeting																																								
EPY704610	BULK CABLE-Fab & Deliver (cable reels will deliver as needed)	3d	100%	18-Jun-12 A	31-Oct-12	BULK CABLE-Fab & Deliver (cable reels will deliver as needed)																																								
EPY70119914	4ea BBS, 1ea SDN Silencers - Fab & Deliver (load rejected, rework and del 10-31-12)	3d	90%	08-Jun-11 A	31-Oct-12	4ea BBS, 1ea SDN Silencers - Fab & Deliver (load rejected, rework and del 10-31-12)																																								
EPY70120054	Just the Switchgear for Secondary Unit Substation - Fab & Deliver (Ready to deliver at sites	3d	100%	18-Jun-12 A	31-Oct-12	Just the Switchgear for Secondary Unit Substation - Fab & Deliver (Ready to deliver at sites request)																																								
CSK217565	4610-001, ELECT TESTING - Submit Signed Subcontract Documents	2d	0%	31-Oct-12	01-Nov-12	4610-001, ELECT TESTING - Submit Signed Subcontract Documents																																								
CSK216525	4600-001, SU CRAFT LBR - Bid Period	5d	0%	26-Sep-12 A	02-Nov-12	4600-001, SU CRAFT LBR - Bid Period																																								
CSK217570	4610-001, ELECT TESTING - Distribute Signed Subcontract Documents	1d	0%	02-Nov-12	02-Nov-12	4610-001, ELECT TESTING - Distribute Signed Subcontract Documents																																								
PIP.NEW.1210	BOP STEEL - Receive Seq 7.7 Steel - Blowdown Tanks	0d	0%		05-Nov-12*	BOP STEEL - Receive Seq 7.7 Steel - Blowdown Tanks																																								
EPY70119934	SSC Silencers - Receive on Site	0d	0%		05-Nov-12	SSC Silencers - Receive on Site																																								
CSK216530	4600-001, SU CRAFT LBR - Bid Evaluations & Preliminary Negotiations	1d	0%	05-Nov-12	05-Nov-12	4600-001, SU CRAFT LBR - Bid Evaluations & Preliminary Negotiations																																								
EPY70119944	SSC Silencers - Fab & Deliver	8d	90%	08-Jun-11 A	05-Nov-12	SSC Silencers - Fab & Deliver																																								
CSK216535	4600-001, SU CRAFT LBR - Prepare Final Bid Tabs	1d	0%	06-Nov-12	06-Nov-12	4600-001, SU CRAFT LBR - Prepare Final Bid Tabs																																								
CSK022135	4300-010, AG FIRE PROT - Prepare Final Bid Tabs	2d	0%	05-Nov-12	06-Nov-12	4300-010, AG FIRE PROT - Prepare Final Bid Tabs																																								
CSK022130	4300-010, AG FIRE PROT - Bid Evaluations & Preliminary Negotiations	5d	0%	31-Oct-12	06-Nov-12	4300-010, AG FIRE PROT - Bid Evaluations & Preliminary Negotiations																																								
CSK025140	4600-004, CHEM CLEAN - Negotiate Subcontract	5d	0%	31-Oct-12	06-Nov-12	4600-004, CHEM CLEAN - Negotiate Subcontract																																								
CSK205540	4200-018, PTG/COATING - Negotiate Subcontract	5d	0%	01-Nov-12	07-Nov-12	4200-018, PTG/COATING - Negotiate Subcontract																																								
CSK216540	4600-001, SU CRAFT LBR - Negotiate Subcontract	1d	0%	07-Nov-12	07-Nov-12	4600-001, SU CRAFT LBR - Negotiate Subcontract																																								

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																													
						N		D		J		F		March 2013	April 2013	May 2013	June 2013	July 2013	A		S														
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1
CSK217575	4610-001, ELECT TESTING - Submit Subcontract Insurance Certificate	5d	0%	02-Nov-12	08-Nov-12	4610-001, ELECT TESTING - Submit Subcontract Insurance Certificate																													
CSK025150	4600-004, CHEM CLEAN - Award Subcontract & Issue NTP	1d	0%	08-Nov-12	08-Nov-12	4600-004, CHEM CLEAN - Award Subcontract & Issue NTP																													
CSK216550	4600-001, SU CRAFT LBR - Award Subcontract & Issue NTP	1d	0%	09-Nov-12	09-Nov-12	4600-001, SU CRAFT LBR - Award Subcontract & Issue NTP																													
EPY70113727	BOP STEEL - Receive (2100-005A, Bal 11-12-12) Boiler Feed & Condenser Access Platfr	0d	0%		12-Nov-12*	BOP STEEL - Receive (2100-005A, Bal 11-12-12) Boiler Feed & Condenser Access Platfrms/Misc Piperack Stl																													
CSK023165	4300-012, INSUL / HT TRACE - Distribute Signed Subcontract Documents	1d	0%	12-Nov-12	12-Nov-12	4300-012, INSUL / HT TRACE - Distribute Signed Subcontract Documents																													
CSK025155	4600-004, CHEM CLEAN - Prepare & Issue Final Subcontract Documents	2d	0%	09-Nov-12	12-Nov-12	4600-004, CHEM CLEAN - Prepare & Issue Final Subcontract Documents																													
CSK205550	4200-018, PTG/COATIING - Award Subcontract & Issue NTP	1d	0%	13-Nov-12	13-Nov-12	4200-018, PTG/COATIING - Award Subcontract & Issue NTP																													
CSK216560	4600-001, SU CRAFT LBR - Prepare & Issue Final Subcontract Documents	2d	0%	12-Nov-12	13-Nov-12	4600-001, SU CRAFT LBR - Prepare & Issue Final Subcontract Documents																													
CSK022140	4300-010, AG FIRE PROT - Negotiate Subcontract	5d	0%	07-Nov-12	13-Nov-12	4300-010, AG FIRE PROT - Negotiate Subcontract																													
EPY730620	RLF VLVS-Receive on Site - Balance of Delivery	0d	0%		14-Nov-12	RLF VLVS-Receive on Site - Balance of Delivery																													
CSK025160	4600-004, CHEM CLEAN - Submit Signed Subcontract Documents	2d	0%	13-Nov-12	14-Nov-12	4600-004, CHEM CLEAN - Submit Signed Subcontract Documents																													
EPY730600	RLF VLVS-Fab & Deliver (all but one valve delivers 8-6-12, last 10-15-12 -- Tag # 1-05-sax-	17d	0%	18-May-12 A	14-Nov-12	RLF VLVS-Fab & Deliver (all but one valve delivers 8-6-12, last 10-15-12 -- Tag # 1-05-sax-psv-0558)																													
CSK205560	4200-018, PTG/COATIING - Prepare & Issue Final Subcontract Documents	2d	0%	14-Nov-12	15-Nov-12	4200-018, PTG/COATIING - Prepare & Issue Final Subcontract Documents																													
CSK216565	4600-001, SU CRAFT LBR - Submit Signed Subcontract Documents	2d	0%	14-Nov-12	15-Nov-12	4600-001, SU CRAFT LBR - Submit Signed Subcontract Documents																													
CSK217595	4610-001, ELECT TESTING - Subcontractor Prepare General Submittal Data	10d	0%	02-Nov-12	15-Nov-12	4610-001, ELECT TESTING - Subcontractor Prepare General Submittal Data																													
CSK217605	4610-001, ELECT TESTING - Subcontractor Prepare Quality Programs/Records Submittal	10d	0%	02-Nov-12	15-Nov-12	4610-001, ELECT TESTING - Subcontractor Prepare Quality Programs/Records Submittal Data																													
CSK217580	4610-001, ELECT TESTING - Submit Subcontract P&P Bond	10d	0%	02-Nov-12	15-Nov-12	4610-001, ELECT TESTING - Submit Subcontract P&P Bond																													
CSK217585	4610-001, ELECT TESTING - Submit Subcontract HS&E Plan	10d	0%	02-Nov-12	15-Nov-12	4610-001, ELECT TESTING - Submit Subcontract HS&E Plan																													
CSK217590	4610-001, ELECT TESTING - Submit Subcontract Schedule	10d	0%	02-Nov-12	15-Nov-12	4610-001, ELECT TESTING - Submit Subcontract Schedule																													
CSK022150	4300-010, AG FIRE PROT - Award Subcontract & Issue NTP	1d	0%	15-Nov-12	15-Nov-12	4300-010, AG FIRE PROT - Award Subcontract & Issue NTP																													
CSK025165	4600-004, CHEM CLEAN - Distribute Signed Subcontract Documents	1d	0%	15-Nov-12	15-Nov-12	4600-004, CHEM CLEAN - Distribute Signed Subcontract Documents																													
EPY716620	STRAINER SIM/DUP-Receive on Site Second Delivery	0d	0%		16-Nov-12*	STRAINER SIM/DUP-Receive on Site Second Delivery																													
CSK216570	4600-001, SU CRAFT LBR - Distribute Signed Subcontract Documents	1d	0%	16-Nov-12	16-Nov-12	4600-001, SU CRAFT LBR - Distribute Signed Subcontract Documents																													
CSK023180	4300-012, INSUL / HT TRACE - Submit Subcontract Insurance Certificate	5d	0%	12-Nov-12	16-Nov-12	4300-012, INSUL / HT TRACE - Submit Subcontract Insurance Certificate																													
CSK026125	4600-005, STEAM BLOW - Bid Period	15d	0%	22-Oct-12 A	16-Nov-12	4600-005, STEAM BLOW - Bid Period																													
EPY70120024	Engineered Pipe Supts C/O #6 1ea SSC, 1eaGSS, 1ea SSH-Fabricate and Deliver	19d	0%	12-Oct-12 A	16-Nov-12	Engineered Pipe Supts C/O #6 1ea SSC, 1eaGSS, 1ea SSH-Fabricate and Deliver																													
PIP.NEW.1260	Engineered Pipe Supts - C/O #6 Delivery Receive on Site	0d	0%		16-Nov-12	Engineered Pipe Supts - C/O #6 Delivery Receive on Site																													
EPY70120034	Engineered Pipe Clamps C/O #? 10ea Circ Water Pipe Clamps on pipe rack South of Cond	19d	0%	29-Oct-12*	16-Nov-12	Engineered Pipe Clamps C/O #? 10ea Circ Water Pipe Clamps on pipe rack South of Condenser-Fabricate and Delive																													
PIP.NEW.1270	Engineered Pipe Clamps - C/O #? 10ea Circ Water Pipe Clamps on pipe rack South of Con	0d	0%		16-Nov-12	Engineered Pipe Clamps - C/O #? 10ea Circ Water Pipe Clamps on pipe rack South of Condenser-Delivery Receive or																													
CSK205565	4200-018, PTG/COATIING - Submit Signed Subcontract Documents	2d	0%	16-Nov-12	19-Nov-12	4200-018, PTG/COATIING - Submit Signed Subcontract Documents																													
CSK217625	4610-001, ELECT TESTING - Review & Approve Subcontract P&P Bond	2d	0%	16-Nov-12	19-Nov-12	4610-001, ELECT TESTING - Review & Approve Subcontract P&P Bond																													
CSK022155	4300-010, AG FIRE PROT - Prepare & Issue Final Subcontract Documents	2d	0%	16-Nov-12	19-Nov-12	4300-010, AG FIRE PROT - Prepare & Issue Final Subcontract Documents																													
CSK205570	4200-018, PTG/COATIING - Distribute Signed Subcontract Documents	1d	0%	20-Nov-12	20-Nov-12	4200-018, PTG/COATIING - Distribute Signed Subcontract Documents																													
CSK022160	4300-010, AG FIRE PROT - Submit Signed Subcontract Documents	2d	0%	20-Nov-12	21-Nov-12	4300-010, AG FIRE PROT - Submit Signed Subcontract Documents																													
CSK025180	4600-004, CHEM CLEAN - Submit Subcontract Insurance Certificate	5d	0%	15-Nov-12	21-Nov-12	4600-004, CHEM CLEAN - Submit Subcontract Insurance Certificate																													
EPY903620	SHOP FAB PIPE-BOP LB-Fabricate and Deliver	25d	50%	11-Jun-12 A	22-Nov-12	SHOP FAB PIPE-BOP LB-Fabricate and Deliver																													
EPY903640	SHOP FAB PIPE-BOP LB-Receive on Site	0d	0%		22-Nov-12	SHOP FAB PIPE-BOP LB-Receive on Site																													
LEPROCAGPIPE	AG PIPE -Fabricate and Deliver	25d	75%	17-Jan-12 A	22-Nov-12	AG PIPE -Fabricate and Deliver																													
CSK205575	4200-018, PTG/COATIING - Submit Subcontract Insurance Certificate	5d	0%	16-Nov-12	26-Nov-12	4200-018, PTG/COATIING - Submit Subcontract Insurance Certificate																													
CSK217645	4610-001, ELECT TESTING - Review & Approve Subcontract Insurance Certificate	2d	0%	21-Nov-12	26-Nov-12	4610-001, ELECT TESTING - Review & Approve Subcontract Insurance Certificate																													
CSK022165	4300-010, AG FIRE PROT - Distribute Signed Subcontract Documents	1d	0%	26-Nov-12	26-Nov-12	4300-010, AG FIRE PROT - Distribute Signed Subcontract Documents																													
EPY801640	BOP STEEL-FABRICATE & DELIVER - Pipe Rack Steel	29d	65%	31-Jan-12 A	26-Nov-12	BOP STEEL-FABRICATE & DELIVER - Pipe Rack Steel																													
LEPROCSST	STRUCTURAL STEEL-FABRICATE & DELIVER	29d	80%	31-Jan-12 A	26-Nov-12	STRUCTURAL STEEL-FABRICATE & DELIVER																													
EPY724608	INLINE INSTR-Fab & Deliver --- 2400-012E Analyzers (Conductivity, ORP, Ammonia)	29d	0%	27-Sep-12 A	26-Nov-12	INLINE INSTR-Fab & Deliver --- 2400-012E Analyzers (Conductivity, ORP, Ammonia)																													
CSK023200	4300-012, INSUL / HT TRACE - Subcontractor Prepare General Submittal Data	10d	0%	12-Nov-12	27-Nov-12	4300-012, INSUL / HT TRACE - Subcontractor Prepare General Submittal Data																													
CSK023210	4300-012, INSUL / HT TRACE - Subcontractor Prepare Quality Programs/Records Submitt	10d	0%	12-Nov-12	27-Nov-12	4300-012, INSUL / HT TRACE - Subcontractor Prepare Quality Programs/Records Submittal Data																													
CSK023185	4300-012, INSUL / HT TRACE - Submit Subcontract P&P Bond	10d	0%	12-Nov-12	27-Nov-12	4300-012, INSUL / HT TRACE - Submit Subcontract P&P Bond																													

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																													
						N		D		J		F		March 2013		April 2013		May 2013		June 2013		July 2013		A		S									
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	1	1	2	0	1	1
CSK023195	4300-012, INSUL / HT TRACE - Submit Subcontract Schedule	10d	0%	12-Nov-12	27-Nov-12	4300-012, INSUL / HT TRACE - Submit Subcontract Schedule																													
EPY70120014	Non Metallic Expansion Joints -Fabricate and Deliver (2ea CCW, 16ea CWS) Del 11-28-12	31d	100%	01-Sep-11 A	28-Nov-12	Non Metallic Expansion Joints -Fabricate and Deliver (2ea CCW, 16ea CWS) Del 11-28-12																													
CSK023220	4300-012, INSUL / HT TRACE - Review & Approve Subcontract P&P Bond	2d	0%	28-Nov-12	29-Nov-12	4300-012, INSUL / HT TRACE - Review & Approve Subcontract P&P Bond																													
CSK022180	4300-010, AG FIRE PROT - Submit Subcontract Insurance Certificate	5d	0%	26-Nov-12	30-Nov-12	4300-010, AG FIRE PROT - Submit Subcontract Insurance Certificate																													
CSK025210	4600-004, CHEM CLEAN - Subcontractor Prepare Quality Programs/Records Submittal Data	10d	0%	15-Nov-12	30-Nov-12	4600-004, CHEM CLEAN - Subcontractor Prepare Quality Programs/Records Submittal Data																													
CSK025185	4600-004, CHEM CLEAN - Submit Subcontract P&P Bond	10d	0%	15-Nov-12	30-Nov-12	4600-004, CHEM CLEAN - Submit Subcontract P&P Bond																													
CSK025190	4600-004, CHEM CLEAN - Submit Subcontract HS&E Plan	10d	0%	15-Nov-12	30-Nov-12	4600-004, CHEM CLEAN - Submit Subcontract HS&E Plan																													
CSK025195	4600-004, CHEM CLEAN - Submit Subcontract Schedule	10d	0%	15-Nov-12	30-Nov-12	4600-004, CHEM CLEAN - Submit Subcontract Schedule																													
EPY70113694	BOP STEEL - Receive Seq 7.1 Steel - PDC Access Platform & Stairs & Support Steel	0d	0%		03-Dec-12*	BOP STEEL - Receive Seq 7.1 Steel - PDC Access Platform & Stairs & Support Steel																													
CSK205605	4200-018, PTG/COATING - Subcontractor Prepare Quality Programs/Records Submittal [10d	0%	16-Nov-12	03-Dec-12	4200-018, PTG/COATING - Subcontractor Prepare Quality Programs/Records Submittal Data																													
CSK205580	4200-018, PTG/COATING - Submit Subcontract P&P Bond	10d	0%	16-Nov-12	03-Dec-12	4200-018, PTG/COATING - Submit Subcontract P&P Bond																													
CSK205585	4200-018, PTG/COATING - Submit Subcontract HS&E Plan	10d	0%	16-Nov-12	03-Dec-12	4200-018, PTG/COATING - Submit Subcontract HS&E Plan																													
CSK205590	4200-018, PTG/COATING - Submit Subcontract Schedule	10d	0%	16-Nov-12	03-Dec-12	4200-018, PTG/COATING - Submit Subcontract Schedule																													
CSK217640	4610-001, ELECT TESTING - Subcontractor Prepare Final Submittal Data	20d	0%	02-Nov-12	03-Dec-12	4610-001, ELECT TESTING - Subcontractor Prepare Final Submittal Data																													
CSK025200	4600-004, CHEM CLEAN - Subcontractor Prepare and Submit Chem Clean Process	1d	0%	03-Dec-12	03-Dec-12	4600-004, CHEM CLEAN - Subcontractor Prepare and Submit Chem Clean Process																													
CSK025205	4600-004, CHEM CLEAN - Subcontractor Chem Clean Materials on Site	1d	0%	03-Dec-12	03-Dec-12	4600-004, CHEM CLEAN - Subcontractor Chem Clean Materials on Site																													
CSK215700	4500-006, XFMR DRESSOUT - Closeout/Final Invoice Applied/CEC	10d	0%	19-Nov-12	04-Dec-12	4500-006, XFMR DRESSOUT - Closeout/Final Invoice Applied/CEC																													
CSK023235	4300-012, INSUL / HT TRACE - Review & Approve Subcontract Insurance Certificate	2d	0%	03-Dec-12	04-Dec-12	4300-012, INSUL / HT TRACE - Review & Approve Subcontract Insurance Certificate																													
CSK025220	4600-004, CHEM CLEAN - Review & Approve Subcontract P&P Bond	2d	0%	03-Dec-12	04-Dec-12	4600-004, CHEM CLEAN - Review & Approve Subcontract P&P Bond																													
CSK026130	4600-005, STEAM BLOW - Bid Evaluations & Preliminary Negotiations	10d	0%	19-Nov-12	04-Dec-12	4600-005, STEAM BLOW - Bid Evaluations & Preliminary Negotiations																													
CSK205595	4200-018, PTG/COATING - Subcontractor Prepare General Submittal Data	10d	0%	20-Nov-12	05-Dec-12	4200-018, PTG/COATING - Subcontractor Prepare General Submittal Data																													
CSK205600	4200-018, PTG/COATING - Subcontractor Prepare CSA Submittal Data	10d	0%	20-Nov-12	05-Dec-12	4200-018, PTG/COATING - Subcontractor Prepare CSA Submittal Data																													
CSK205625	4200-018, PTG/COATING - Review & Approve Subcontract P&P Bond	2d	0%	04-Dec-12	05-Dec-12	4200-018, PTG/COATING - Review & Approve Subcontract P&P Bond																													
CSK026135	4600-005, STEAM BLOW - Prepare Final Bid Tabs	2d	0%	05-Dec-12	06-Dec-12	4600-005, STEAM BLOW - Prepare Final Bid Tabs																													
EPY712620	MANUAL VLVS-Receive on Site	0d	0%		07-Dec-12	MANUAL VLVS-Receive on Site																													
CSK022200	4300-010, AG FIRE PROT - Subcontractor Prepare General Submittal Data	10d	0%	26-Nov-12	07-Dec-12	4300-010, AG FIRE PROT - Subcontractor Prepare General Submittal Data																													
CSK022205	4300-010, AG FIRE PROT - Subcontractor Prepare CSA Submittal Data	10d	0%	26-Nov-12	07-Dec-12	4300-010, AG FIRE PROT - Subcontractor Prepare CSA Submittal Data																													
CSK022210	4300-010, AG FIRE PROT - Subcontractor Prepare Quality Programs/Records Submittal D	10d	0%	26-Nov-12	07-Dec-12	4300-010, AG FIRE PROT - Subcontractor Prepare Quality Programs/Records Submittal Data																													
CSK022185	4300-010, AG FIRE PROT - Submit Subcontract P&P Bond	10d	0%	26-Nov-12	07-Dec-12	4300-010, AG FIRE PROT - Submit Subcontract P&P Bond																													
CSK022190	4300-010, AG FIRE PROT - Submit Subcontract HS&E Plan	10d	0%	26-Nov-12	07-Dec-12	4300-010, AG FIRE PROT - Submit Subcontract HS&E Plan																													
CSK022195	4300-010, AG FIRE PROT - Submit Subcontract Schedule	10d	0%	26-Nov-12	07-Dec-12	4300-010, AG FIRE PROT - Submit Subcontract Schedule																													
CSK025235	4600-004, CHEM CLEAN - Review & Approve Subcontract Insurance Certificate	2d	0%	06-Dec-12	07-Dec-12	4600-004, CHEM CLEAN - Review & Approve Subcontract Insurance Certificate																													
EPY712610	MANUAL VLVS-Fab & Deliver (Maj Del in Jul/Aug, some 9-10-12, 10/15, and Balance 11-16)	40d	0%	25-May-12 A	07-Dec-12	MANUAL VLVS-Fab & Deliver (Maj Del in Jul/Aug, some 9-10-12, 10/15, and Balance 11-16-12)																													
CSK205645	4200-018, PTG/COATING - Review & Approve Subcontract Insurance Certificate	2d	0%	07-Dec-12	10-Dec-12	4200-018, PTG/COATING - Review & Approve Subcontract Insurance Certificate																													
EPY70111258	4200-014 Reinforce Steel-Whse/Office-Fab and Deliver to Site	10d	0%	27-Nov-12*	10-Dec-12	4200-014 Reinforce Steel-Whse/Office-Fab and Deliver to Site																													
CSK021350	4200-011, MAJ CONCRETE - Subcontractor Prepare Final Submittal Data	20d	0%	12-Nov-12	11-Dec-12	4200-011, MAJ CONCRETE - Subcontractor Prepare Final Submittal Data																													
CSK031340	4400-002, UG CW PIPE - Post Award Administration	30d	99%	14-May-11 A	11-Dec-12	4400-002, UG CW PIPE - Post Award Administration																													
CSK031410	4400-002, UG CW PIPE - Closeout/Final Invoice Applied/Issue Certificate of Completion	15d	0%	19-Nov-12*	11-Dec-12	4400-002, UG CW PIPE - Closeout/Final Invoice Applied/Issue Certificate of Completion																													
CSK022220	4300-010, AG FIRE PROT - Review & Approve Subcontract P&P Bond	2d	0%	10-Dec-12	11-Dec-12	4300-010, AG FIRE PROT - Review & Approve Subcontract P&P Bond																													
EPY731620	MODULATING GLOBE-Receive on Site	0d	0%		12-Dec-12	MODULATING GLOBE-Receive on Site																													
EPY731600	MOD GLOBE-Fab & Del (all but 2 vlvs del 9-17-12, 1ea 10-5-12 - #1-05-shp-pv-5525, 1ea	45d	100%	25-May-12 A	12-Dec-12	MOD GLOBE-Fab & Del (all but 2 vlvs del 9-17-12, 1ea 10-5-12 - #1-05-shp-pv-5525, 1ea 11-21-12 - #1-05)																													
CSK026140	4600-005, STEAM BLOW - Negotiate Subcontract	5d	0%	07-Dec-12	13-Dec-12	4600-005, STEAM BLOW - Negotiate Subcontract																													
LEPROCINST	INSTR-Fab & Deliver	46d	88%	07-Nov-11 A	13-Dec-12	INSTR-Fab & Deliver																													
EPY724620	INLINE INSTR-Receive on Site	0d	0%		14-Dec-12	INLINE INSTR-Receive on Site																													
CSK022235	4300-010, AG FIRE PROT - Review & Approve Subcontract Insurance Certificate	2d	0%	13-Dec-12	14-Dec-12	4300-010, AG FIRE PROT - Review & Approve Subcontract Insurance Certificate																													
EPY724605	INLINE INSTR-Fab & Deliver --- 2400-012D Calibrated Flow Mtrs on site 12-14-12	47d	0%	13-Aug-12 A	14-Dec-12	INLINE INSTR-Fab & Deliver --- 2400-012D Calibrated Flow Mtrs on site 12-14-12																													
CSK026150	4600-005, STEAM BLOW - Award Subcontract & Issue NTP	1d	0%	17-Dec-12	17-Dec-12	4600-005, STEAM BLOW - Award Subcontract & Issue NTP																													

█ Actual Work
 █ Critical Remaining Work
 █ Remaining Work
 ◆ Milestone
 ▼ Summary

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	N		D		J		F		March 2013	April 2013	May 2013	June 2013	July 2013	A		S			
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	0	1	2	0	1
CSK026300	4600-005, STEAM BLOW - Issue Certificate of Completion	5d	0%	04-Jun-13	10-Jun-13																			
CSK214700	4500-002, AG ELECT/INSTR - Closeout/Final Invoice Applied/CEC	10d	0%	13-Jun-13	26-Jun-13																			
CSK216680	4600-001, SU CRAFT LBR - Subcontractor Performance Evaluation	3d	0%	26-Jun-13	28-Jun-13																			
CSK217680	4610-001, ELECT TESTING - Subcontractor Performance Evaluation	3d	0%	26-Jun-13	28-Jun-13																			
CSK216700	4600-001, SU CRAFT LBR - Closeout/Final Invoice Applied	10d	0%	26-Jun-13	10-Jul-13																			
CSK216555	4600-001, SU CRAFT LBR - Post Award Administration	168d	0%	09-Nov-12	17-Jul-13																			
CSK216705	4600-001, SU CRAFT LBR - Issue Certificate of Completion	5d	0%	11-Jul-13	17-Jul-13																			
CSK217700	4610-001, ELECT TESTING - Closeout/Final Invoice Applied	10d	0%	18-Jul-13	31-Jul-13																			
CSK205555	4200-018, PTG/COATING - Post Award Administration	181d	0%	13-Nov-12	07-Aug-13																			
CSK211555	4400-004, AG BOP PIPING - Post Award Administration	192d	20%	23-Apr-12 A	07-Aug-13																			
CSK212555	4400-006, NDT - Post Award Administration	192d	0%	29-Oct-12	07-Aug-13																			
CSK217555	4610-001, ELECT TESTING - Post Award Administration	192d	0%	29-Dec-11 A	07-Aug-13																			
CSK217705	4610-001, ELECT TESTING - Issue Certificate of Completion	5d	0%	01-Aug-13	07-Aug-13																			
CSK022270	4300-010, AG FIRE PROT - Post Award Administration	179d	0%	15-Nov-12	07-Aug-13																			
CSK024270	4500-005, ELEC SWYD - Post Award Administration	192d	15%	24-May-12 A	07-Aug-13																			
PLANT COMMISSIONING/STARTUP		190d		29-Oct-12	05-Aug-13																			
EPM519411	Issue Conformed Spec for award - CHEMICAL CLEAN	1d	0%	29-Oct-12	29-Oct-12	Issue Conformed Spec for award - CHEMICAL CLEAN																		
EPM5094643	Issue Conformed Spec for Award - STEAM BLOWS	1d	0%	19-Nov-12	19-Nov-12	Issue Conformed Spec for Award - STEAM BLOWS																		
CSK216655	4600-001, SU CRAFT LBR - Site Mobilization	3d	0%	19-Nov-12	21-Nov-12	4600-001, SU CRAFT LBR - Site Mobilization																		
CSK217660	4610-001, ELECT TESTING - Subcontractor General Submittal Data Review	5d	0%	16-Nov-12	26-Nov-12	4610-001, ELECT TESTING - Subcontractor General Submittal Data Review																		
CSK217670	4610-001, ELECT TESTING - Subcontractor Final Submittal Data Review	5d	0%	04-Dec-12	10-Dec-12	4610-001, ELECT TESTING - Subcontractor Final Submittal Data Review																		
CSK025215	4600-004, CHEM CLEAN - Subcontractor Final Submittal Data Review	5d	0%	04-Dec-12	10-Dec-12	4600-004, CHEM CLEAN - Subcontractor Final Submittal Data Review																		
CSK025265	4600-004, CHEM CLEAN - Site Mobilization	5d	0%	10-Dec-12	14-Dec-12	4600-004, CHEM CLEAN - Site Mobilization																		
LESUHRSG	STARTUP RESOURCES HRSG	0d	0%	23-Jan-13	23-Jan-13	STARTUP RESOURCES HRSG																		
CSK026215	4600-005, STEAM BLOW - Subcontractor Final Submittal Data Review	5d	0%	30-Jan-13	05-Feb-13	4600-005, STEAM BLOW - Subcontractor Final Submittal Data Review																		
CSK026265	4600-005, STEAM BLOW - Site Mobilization	10d	0%	23-Jan-13	05-Feb-13	4600-005, STEAM BLOW - Site Mobilization																		
CS2SUS010	STEAM TURBINE ON TURNING GEAR	1d	0%	06-Feb-13	07-Feb-13	STEAM TURBINE ON TURNING GEAR																		
CSK025266	4600-004, CHEM CLEAN - Setup w/ crew	10d	0%	04-Feb-13	15-Feb-13	4600-004, CHEM CLEAN - Setup w/ crew																		
CSK026266	4600-004, STEAM BLOW - Setup w/ crew	10d	0%	06-Feb-13	19-Feb-13	4600-004, STEAM BLOW - Setup w/ crew																		
CS2SUS014	STG READY FOR STEAM BLOW	0d	0%		22-Feb-13	STG READY FOR STEAM BLOW																		
LESUSTG	STARTUP RESOURCES STG	30d	0%	11-Jan-13	22-Feb-13	STARTUP RESOURCES STG																		
SU01709	SU - Chemical Clean 2&3	7d	0%	24-Feb-13	03-Mar-13	SU - Chemical Clean 2&3																		
SU01710	SU - Chemical Clean 1&4	7d	0%	04-Mar-13	11-Mar-13	SU - Chemical Clean 1&4																		
SU01711	SU - Chem Clean Restore 2&3	14d	0%	03-Mar-13	17-Mar-13	SU - Chem Clean Restore 2&3																		
LESUBOP	STARTUP RESOURCES BOP CHECKOUT AND STARTUP	93d	0%	29-Oct-12	19-Mar-13	STARTUP RESOURCES BOP CHECKOUT AND STARTUP																		
SU01712	SU - Chem Clean Restore 1&4	14d	0%	11-Mar-13	25-Mar-13	SU - Chem Clean Restore 1&4																		
SU02046-AQ05	ATC Condition 5	0d	0%	25-Mar-13		ATC Condition 5																		
SU01714	SU - Refire CTG 2&3 for Steam Blow	10d	0%	25-Mar-13	04-Apr-13	SU - Refire CTG 2&3 for Steam Blow																		
CSK025267	4600-004, CHEM CLEAN - Breakdown when Complete	10d	0%	26-Mar-13	08-Apr-13	4600-004, CHEM CLEAN - Breakdown when Complete																		
LESUCC	4600-004, CHEM CLEAN - RESOURCE	79d	0%	10-Dec-12	08-Apr-13	4600-004, CHEM CLEAN - RESOURCE																		
SU01715	SU - Refire CTG 1&4 for Steam Blow	10d	0%	04-Apr-13	14-Apr-13	SU - Refire CTG 1&4 for Steam Blow																		
SU02046-AQ45	ATC Condition 45	0d	0%	15-Apr-13		ATC Condition 45																		
SU01716	SU - Combined Steam Blow	10d	0%	14-Apr-13	24-Apr-13	SU - Combined Steam Blow																		
SU01718	SU - Steam Blow Restoration	10d	0%	24-Apr-13	04-May-13	SU - Steam Blow Restoration																		
SU02046-AQ07	ATC Condition 7	0d	0%	06-May-13		ATC Condition 7																		
SU01994	SU - Steam Quality Verification	5d	0%	04-May-13	09-May-13	SU - Steam Quality Verification																		
SU01720	SU - STG First Roll (MHI Procedure)	1d	0%	09-May-13	10-May-13	SU - STG First Roll (MHI Procedure)																		

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	Gantt Chart																																				
						N		D		J		F		March 2013	April 2013	May 2013	June 2013	July 2013	A	S																						
						2	2	0	1	1	2	0	1	1	2	3	0	1	2	2	0	1	1	2	0	1	1	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0
SU02004	SU - FSNL and Overspeed Testing	1d	0%	10-May-13	11-May-13	■ SU - FSNL and Overspeed Testing																																				
SU02014	SU - Sync. to Grid and Initial Loading	1d	0%	11-May-13	12-May-13	■ SU - Sync. to Grid and Initial Loading																																				
CSK026267	4600-004, STEAM BLOW - Breakdown when Complete	10d	0%	06-May-13	17-May-13	■ 4600-004, STEAM BLOW - Breakdown when Complete																																				
LESUSB	4600-005, STEAM BLOW - RESOURCE	83d	0%	23-Jan-13	17-May-13	■ 4600-005, STEAM BLOW - RESOURCE																																				
SU02024	SU - Operate and Tune / Raise Load to 100%	7d	0%	12-May-13	19-May-13	■ SU - Operate and Tune / Raise Load to 100%																																				
SU01721	SU - STG Integrated Tuning / SCR Tuning	15d	0%	10-May-13	25-May-13	■ SU - STG Integrated Tuning / SCR Tuning																																				
SU01722	SU - Project Mechanical Completion	0d	0%		27-May-13*	◆ SU - Project Mechanical Completion																																				
SU01723	SU - Plant Emmissions / RATA Testing	8d	0%	27-May-13	04-Jun-13	■ SU - Plant Emmissions / RATA Testing																																				
SU01724	SU - Overall Plant Tuning / Demonstration Test/Heat Balance Check	14d	0%	04-Jun-13	18-Jun-13	■ SU - Overall Plant Tuning / Demonstration Test/Heat Balance Check																																				
SU02046-AQ47	ATC Condition 47	0d	0%	21-Jun-13		◆ ATC Condition 47																																				
SU01725	SU - Reliability Testing (168 hours)	7d	0%	18-Jun-13	25-Jun-13	■ SU - Reliability Testing (168 hours)																																				
SU01726	SU - Plant Declared Substantial Completion	0d	0%		25-Jun-13	◆ SU - Plant Declared Substantial Completion																																				
LESUPER	STARTUP RESOURCES RELIABILITY AND PERFORMANCE TESTING	21d	0%	28-May-13	25-Jun-13	■ STARTUP RESOURCES RELIABILITY AND PERFORMANCE TESTING																																				
SU02046-AQ47-34	ATC Condition 47/34 (60 days after initial operation of cooling tower)	0d	0%	05-Aug-13		◆ ATC Condition 47/34																																				
SWITCHYARD		85d		25-Jun-12 A	07-Mar-13	▶ 07-Mar-13, SWITCHYARD																																				
CS0SWY108	4500-005 SWY-0-1 INSTALL SWYD GROUND GRID	0d	80%	10-Sep-12 A	29-Oct-12	■ 4500-005 SWY-0-1 INSTALL SWYD GROUND GRID																																				
CS0SWY630	Install Cables cct2	0d	50%	11-Oct-12 A	29-Oct-12	■ Install Cables cct2																																				
CS0SWY660	Terminate PG&E	0d	50%	16-Oct-12 A	29-Oct-12	■ Terminate PG&E																																				
CS0SWY880	Install Switch EHA SW-21	1d	50%	22-Oct-12 A	29-Oct-12	■ Install Switch EHA SW-21																																				
CSK218125	4500-005 Install Conduit Raceway	1d	90%	22-Oct-12 A	29-Oct-12	■ 4500-005 Install Conduit Raceway																																				
CS0SWY280	4500-005 Instl & Wire Relay Pnl In Existing Cntl Bldg	3d	50%	15-Oct-12 A	31-Oct-12	■ 4500-005 Instl & Wire Relay Pnl In Existing Cntl Bldg																																				
CS0SWY340	4500-008 Term HV Cable Feeder #2 In PG&E and LECEF Yard	3d	60%	18-Oct-12 A	31-Oct-12	■ 4500-008 Term HV Cable Feeder #2 In PG&E and LECEF Yard																																				
CS0SWY1230	Install EHA-CB-004	4d	0%	29-Oct-12	01-Nov-12	■ Install EHA-CB-004																																				
CS0SWY1010	Install Switch EHA SW-12	4d	0%	29-Oct-12	01-Nov-12	■ Install Switch EHA SW-12																																				
CS0SWY570	Term. Feeder #1 to Bus (by High Voltage Subcontractor)	6d	50%	22-Oct-12 A	02-Nov-12	■ Term. Feeder #1 to Bus (by High Voltage Subcontractor)																																				
CS0SWY1240	Pull Cable to EHA-CB-004	2d	0%	01-Nov-12	02-Nov-12	■ Pull Cable to EHA-CB-004																																				
CS0SWY760	Terminate Calpine cct1	5d	50%	25-Oct-12 A	02-Nov-12	■ Terminate Calpine cct1																																				
CS0SWY770	Scaffold at PG&E	1d	0%	03-Nov-12	03-Nov-12	■ Scaffold at PG&E																																				
CS0SWY930	Install Switch EHA SW-17	3d	50%	19-Oct-12 A	05-Nov-12	■ Install Switch EHA SW-17																																				
CS0SWY1200	Install EHA-CB-005	4d	0%	01-Nov-12	06-Nov-12	■ Install EHA-CB-005																																				
CS0SWY1260	Install CCVT-L3	4d	0%	01-Nov-12	06-Nov-12	■ Install CCVT-L3																																				
CS0SWY360	4500-008 Final JIT/HiPot Feeder #2	4d	0%	01-Nov-12	06-Nov-12	■ 4500-008 Final JIT/HiPot Feeder #2																																				
CS0SWY1270	Pull Cable to CCVT-L3	1d	0%	06-Nov-12	07-Nov-12	■ Pull Cable to CCVT-L3																																				
CS0SWY290	4500-005 Instl & Wire/Term Relays in Existing Cntl Bldg	5d	0%	31-Oct-12	07-Nov-12	■ 4500-005 Instl & Wire/Term Relays in Existing Cntl Bldg																																				
CS0SWY433	4500-005 Install Metering Units	5d	0%	31-Oct-12*	07-Nov-12	■ 4500-005 Install Metering Units																																				
CS0SWY1210	Pull Cable to EHA-CB-005	2d	0%	06-Nov-12	07-Nov-12	■ Pull Cable to EHA-CB-005																																				
CS0SWY1250	Terminate Cable at EHA-CB-004	4d	0%	02-Nov-12	07-Nov-12	■ Terminate Cable at EHA-CB-004																																				
CS0SWY1220	Terminate Cable at EHA-CB-005	0d	75%	27-Sep-12 A	08-Nov-12	■ Terminate Cable at EHA-CB-005																																				
CS0SWY1280	Terminate Cable at CCVT-L3	2d	0%	07-Nov-12	08-Nov-12	■ Terminate Cable at CCVT-L3																																				
CS0SWY990	Install Switch EHA SW-18	4d	0%	06-Nov-12	09-Nov-12	■ Install Switch EHA SW-18																																				
CS0SWY1170	Install EHA-CB-008	4d	0%	06-Nov-12	09-Nov-12	■ Install EHA-CB-008																																				
CS0SWY150	2300-034 Perform Relay Coord. Study (CH2M and PG&E together)	10d	33%	08-Oct-12 A	09-Nov-12	■ 2300-034 Perform Relay Coord. Study (CH2M and PG&E together)																																				
CS0SWY300	Install & Wire Meter Panels @ Existing Metering Shed	13d	0%	29-Oct-12	09-Nov-12	■ Install & Wire Meter Panels @ Existing Metering Shed																																				
CSK218115B	Install New Fence & Attach Grounding	13d	0%	29-Oct-12	09-Nov-12	■ Install New Fence & Attach Grounding																																				
CS0SWY1180	Pull Cable to EHA-CB-008	2d	0%	09-Nov-12	13-Nov-12	■ Pull Cable to EHA-CB-008																																				
CS0SWY350	4500-008 Term HV Cable Feeder #1 In PG&E yard	6d	0%	02-Nov-12	13-Nov-12	■ 4500-008 Term HV Cable Feeder #1 In PG&E yard																																				
CS0SWY1000	Install Switch EHA SW-24	4d	0%	09-Nov-12	14-Nov-12	■ Install Switch EHA SW-24																																				

■ Actual Work
 ■ Critical Remaining Work
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■ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	November 2012					December 2012				January 2013				
						22	29	05	12	19	26	03	10	17	24	31	07	14	
GENERAL SITE WORK		33d		15-Jan-12 A	14-Dec-12	14-Dec-12, GENERAL SITE WORK													
GRD-0-1 - SITE GROUNDING		33d		15-Jan-12 A	14-Dec-12	14-Dec-12, GRD-0-1 - SITE GROUNDING													
CS0GND1E10	GND-0-1 - INSTALL GROUND GRID	22d	70%	15-Jan-12 A	30-Nov-12	GND-0-1 - INSTALL GROUND GRID													
NT-3413	Grounding Cable / All Areas	33d	50%	01-Oct-12 A	14-Dec-12	Grounding Cable / All Areas													
CDB-0-1 - COMMON DUCTBANKS		10d		29-Oct-12	09-Nov-12	09-Nov-12, CDB-0-1 - COMMON DUCTBANKS													
CS0DB1548	Exc/Form/Rebar/Pour/Backfill UG Ductbank From Secondary Unit Xformer to Manhole - 2nd Ph	10d	0%	29-Oct-12	09-Nov-12	Exc/Form/Rebar/Pour/Backfill UG Ductbank From Secondary Unit Xformer to Manhole - 2nd Ph													
HRSG#3		46d		11-May-12 A	04-Jan-13	04-Jan-13, HRSG#3													
PA-0-1 - PLANT AIR / INSTRUMENT AIR		10d		21-Nov-12	07-Dec-12	07-Dec-12, PA-0-1 - PLANT AIR / INSTRUMENT AIR													
CS-3HRSG-IAS-PPG-001	Install HRSG #3 IAS Pipe - Air Drops (022 & 023, 1002 to 1006) & to Burner Skid	10d	0%	21-Nov-12	07-Dec-12	Install HRSG #3 IAS Pipe - Air Drops (022 & 023, 1002 to 1006) & to Burner Skid													
CCW-0-1 - CLOSED COOLING WATER		9d		20-Aug-12 A	09-Nov-12	09-Nov-12, CCW-0-1 - CLOSED COOLING WATER													
CS-3HRSG-CCW-PPG-001	Install HRSG #3 CCW Pipe - From Existing to BFW Pumps	9d	80%	20-Aug-12 A	09-Nov-12	Install HRSG #3 CCW Pipe - From Existing to BFW Pumps													
FGS-3-1 - FUEL GAS SUPPLY UNIT#3 DBR		12d		20-Aug-12 A	13-Nov-12	13-Nov-12, FGS-3-1 - FUEL GAS SUPPLY UNIT#3 DBR													
CS-3HRSG-FGS-PPG-001	Install HRSG #3 FGS Pipe - FGS Header to Duct Burner Skid	1d	90%	20-Aug-12 A	30-Oct-12	Install HRSG #3 FGS Pipe - FGS Header to Duct Burner Skid													
NT-FGS31-10	FGS-3-1-Install Conduit	4d	0%	05-Nov-12	08-Nov-12	FGS-3-1-Install Conduit													
NT-FGS31-20	FGS-3-1-Install Instrumentation	1d	0%	08-Nov-12	08-Nov-12	FGS-3-1-Install Instrumentation													
NT-FGS31-31	FGS-3-1-Pull Control Cable	1d	0%	09-Nov-12	09-Nov-12	FGS-3-1-Pull Control Cable													
NT-FGS31-41	FGS-3-1-Pull Power Cable	2d	0%	09-Nov-12	12-Nov-12	FGS-3-1-Pull Power Cable													
NT-FGS31-51	FGS-3-1-Pull Instrumentation / Communication Cable	1d	0%	09-Nov-12	09-Nov-12	FGS-3-1-Pull Instrumentation / Communication Cable													
NT-FGS31-32	FGS-3-1-Term Control Cables	1d	0%	12-Nov-12	12-Nov-12	FGS-3-1-Term Control Cables													
NT-FGS31-52	FGS-3-1-Term Communication & Instrumentation Cables	1d	0%	12-Nov-12	12-Nov-12	FGS-3-1-Term Communication & Instrumentation Cables													
NT-FGS31-42	FGS-3-1-Term Power Cables	1d	0%	13-Nov-12	13-Nov-12	FGS-3-1-Term Power Cables													
CN-0-1 - CONDENSATE		10d		29-Oct-12	13-Nov-12	13-Nov-12, CN-0-1 - CONDENSATE													
CS-3HRSG-CNS-PPG-001	Install HRSG #3 CNS Pipe - CNS Header to HRSG	10d	0%	29-Oct-12	13-Nov-12	Install HRSG #3 CNS Pipe - CNS Header to HRSG													
HRSG-3-1 - UNIT#3 HEAT RECOVERY STEAM GENERATOR		30d		11-May-12 A	11-Dec-12	11-Dec-12, HRSG-3-1 - UNIT#3 HEAT RECOVERY													
CS3HRSG1221	HRSG3-Install Non-Code Piping/Vents/Drains	20d	90%	11-May-12 A	28-Nov-12	HRSG3-Install Non-Code Piping/Vents/Drains													
CS3HRSG1209	HRSG3-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	1d	95%	09-Jul-12 A	29-Oct-12	HRSG3-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR													
CS3HRSG1117	HRSG3-Cut/Remove Insul/Liner @Stack Damper	4d	85%	27-Aug-12 A	02-Nov-12	HRSG3-Cut/Remove Insul/Liner @Stack Damper													
NT-1110	Install Cable Tray - HRSG #3 Area	5d	90%	01-Oct-12 A	02-Nov-12	Install Cable Tray - HRSG #3 Area													
NT-HRG31-10	Install Conduit - HRSG #3 Area	25d	0%	05-Nov-12	11-Dec-12	Install Conduit - HRSG #3 Area													
NT-HRG31-20	Install Instrumentation - HRSG #3 Area	21d	0%	05-Nov-12	05-Dec-12	Install Instrumentation - HRSG #3 Area													
FWH-3-1 - UNIT #3 BOILER FEEDWATER, HIGH PRESSURE		27d		11-Oct-12 A	28-Dec-12	28-Dec-12, FWH-3-1 - UNIT													
CS-3HRSG-BFW-PPG-002	Install HRSG #3 HP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	27d	40%	11-Oct-12 A	28-Dec-12	Install HRSG #3 HP BFW Pipe													
FWI-3-1 - UNIT #3 BOILER FEEDWATER, INTERMEDIATE PRESSURE		30d		26-Oct-12 A	04-Jan-13	04-Jan-13, FWI-3-1													
CS-3HRSG-BFW-PPG-003	Install HRSG #3 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	30d	30%	26-Oct-12 A	04-Jan-13	Install HRSG #3 IP BFW Pipe													
BVD-3-1 - BOILER VENTS AND DRAINS UNIT#3		27d		22-Oct-12 A	07-Dec-12	07-Dec-12, BVD-3-1 - BOILER VENTS AND DRAINS UNIT													
CS-3HRSG-BBS-PPG-001	Install HRSG #3 BBS Pipe - BD Tank to/from HRSG	27d	10%	22-Oct-12 A	07-Dec-12	Install HRSG #3 BBS Pipe - BD Tank to/from HRSG													
CS-3HRSG-CWS-PPG-001	Install HRSG #3 CWS Pipe - CWS Header to BD Sump	2d	90%	26-Oct-12 A	15-Nov-12	Install HRSG #3 CWS Pipe - CWS Header to BD Sump													
CS-3HRSG-SSH-PPG-002	Install HRSG #3 SSH Pipe - Drip Leg to BD Tank	20d	0%	06-Nov-12	06-Dec-12	Install HRSG #3 SSH Pipe - Drip Leg to BD Tank													
BFW-3-1 - BOILER FEED PUMP UNIT#3		20d		03-Oct-12 A	27-Nov-12	27-Nov-12, BFW-3-1 - BOILER FEED PUMP UNIT#3													
CS-PR-BFW-PPG-001	Install Piperack BFW headers Pipe - Lines back to Reheat Bypass Valves and Back to STG	7d	20%	03-Oct-12 A	06-Nov-12	Install Piperack BFW headers Pipe - Lines back to Reheat Bypass Valves and Back to STG Area for													
CS-3HRSG-BFW-PPG-001	Install HRSG #3 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG & from C	5d	20%	26-Oct-12 A	27-Nov-12	Install HRSG #3 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from													
CS3HRSGELVE	Remove or Relocate Const. Temp Elevator	3d	0%	19-Nov-12	21-Nov-12	Remove or Relocate Const. Temp Elevator													
AS-0-1 - AUX BOILER / STEAM SYSTEM		9d		22-Oct-12 A	08-Nov-12	08-Nov-12, AS-0-1 - AUX BOILER / STEAM SYSTEM													
CS-3HRSG-SAX-PPG-001	Install HRSG #3 SAX Pipe - SAX Header to HRSG & BD Tank	9d	10%	22-Oct-12 A	08-Nov-12	Install HRSG #3 SAX Pipe - SAX Header to HRSG & BD Tank													
CRH-0-1 - COLD REHEAT STEAM COMMON		8d		06-Nov-12	16-Nov-12	16-Nov-12, CRH-0-1 - COLD REHEAT STEAM COMMON													

█ Actual Work
 █ Critical Remaining Work
 ▼ Summary
█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	November 2012					December 2012				January 2013		
						22	29	05	12	19	26	03	10	17	24	31	07
CS-3HRSG-SSC-PPG-002	Install HRSG #3 SSC Pipe - Drip Leg to BD Tank	8d	0%	06-Nov-12	16-Nov-12												
HRH-0-1 - HOT REHEAT STEAM COMMON		13d		23-Jul-12 A	27-Nov-12												
CS-3HRSG-SSH-PPG-001	Install HRSG #3 SSH Pipe - Drops to Piperack SSH	13d	90%	23-Jul-12 A	27-Nov-12												
CS-3HRSG-SSH-PPG-003	Install HRSG #3 SSH Pipe - Drip Leg to ST Drain Tank	8d	0%	06-Nov-12	16-Nov-12												
DBR-3-1 - UNIT#3 HEAT RECOVERY STEAM GENERATOR DUCT BURNER		16d		05-Nov-12	28-Nov-12												
NT-DBR31-10	DBR-3-1-Install Conduit	8d	0%	05-Nov-12	14-Nov-12												
NT-DBR31-20	DBR-3-1-Install Instrumentation	1d	0%	14-Nov-12	14-Nov-12												
NT-DBR31-31	DBR-3-1-Pull Control Cable	8d	0%	15-Nov-12	28-Nov-12												
NT-DBR31-41	DBR-3-1-Pull Power Cable	4d	0%	15-Nov-12	20-Nov-12												
NT-DBR31-51	DBR-3-1-Pull Instrumentation / Communication Cable	6d	0%	15-Nov-12	26-Nov-12												
SCR-3-1 - SCR UNIT#3		12d		05-Nov-12	20-Nov-12												
NT-SCR31-10	SCR-3-1-Install Conduit	3d	0%	05-Nov-12	07-Nov-12												
NT-SCR31-41	SCR-3-1-Pull Power Cable	6d	0%	08-Nov-12	15-Nov-12												
NT-SCR31-42	SCR-3-1-Term Power Cables	3d	0%	16-Nov-12	20-Nov-12												
CEM-3-1 - CEMS UNIT#3		15d		27-Aug-12 A	16-Nov-12												
CS3HRSG128	UPGRADE HRSG#3 CEMS	10d	0%	27-Aug-12 A	09-Nov-12												
NT-CEM31-10	CEMS-3-1-Install Conduit	1d	75%	04-Oct-12 A	09-Nov-12												
NT-CEM31-31	CEMS-3-1-Pull Control Cable	1d	50%	26-Oct-12 A	12-Nov-12												
NT-CEM31-20	CEMS-3-1-Install Instrumentation	4d	0%	06-Nov-12	09-Nov-12												
NT-CEM31-51	CEMS-3-1-Pull Instrumentation / Communication Cable	3d	0%	12-Nov-12	14-Nov-12												
NT-CEM31-21	CEMS-3-1-Install Tubing	2d	0%	15-Nov-12	16-Nov-12												
NT-CEM31-52	CEMS-3-1-Term Communication & Instrumentation Cables	2d	0%	15-Nov-12	16-Nov-12												
NT-CEM31-32	CEMS-3-1-Term Control Cables	1d	0%	16-Nov-12	16-Nov-12												
HRSG#2		40d		27-Aug-12 A	26-Dec-12												
PA-0-1 - PLANT AIR / INSTRUMENT AIR		10d		21-Nov-12	07-Dec-12												
CS-2HRSG-IAS-PPG-001	Install HRSG #2 IAS Pipe - Air Drops (022 & 023, 1002 to 1006) & to Burner Skid	10d	0%	21-Nov-12	07-Dec-12												
CCW-0-1 - CLOSED COOLING WATER		3d		17-Sep-12 A	01-Nov-12												
CS-2HRSG-CCW-PPG-001	Install HRSG #2 CCW Pipe - From Existing to BFW Pumps	3d	80%	17-Sep-12 A	01-Nov-12												
FGS-2-1 - FUEL GAS SUPPLY UNIT#2 DBR		7d		05-Nov-12	14-Nov-12												
NT-FGS21-10	FGS-2-1-Install Conduit	4d	0%	05-Nov-12	09-Nov-12												
NT-FGS21-20	FGS-2-1-Install Instrumentation	1d	0%	08-Nov-12	09-Nov-12												
NT-FGS21-31	FGS-2-1-Pull Control Cable	1d	0%	09-Nov-12	12-Nov-12												
NT-FGS21-41	FGS-2-1-Pull Power Cable	2d	0%	09-Nov-12	13-Nov-12												
NT-FGS21-51	FGS-2-1-Pull Instrumentation / Communication Cable	1d	0%	09-Nov-12	12-Nov-12												
NT-FGS21-32	FGS-2-1-Term Control Cables	1d	0%	12-Nov-12	13-Nov-12												
NT-FGS21-52	FGS-2-1-Term Communication & Instrumentation Cables	1d	0%	12-Nov-12	13-Nov-12												
NT-FGS21-42	FGS-2-1-Term Power Cables	1d	0%	13-Nov-12	14-Nov-12												
HRSG-2-1 - UNIT#2 HEAT RECOVERY STEAM GENERATOR		34d		01-Oct-12 A	17-Dec-12												
NT-1260	Install Cable Tray - HRSG #2 Area	5d	95%	01-Oct-12 A	02-Nov-12												
CS2HRSG1243	HRSG2-Hydrotest	1d	80%	23-Oct-12 A	08-Nov-12												
CS2HRSG2136	HRSG2-Install Non-Code Piping/Vents/Drains	24d	20%	23-Oct-12 A	17-Dec-12												
CS2HRSG1209	HRSG2-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	7d	25%	25-Oct-12 A	07-Nov-12												
NT-HRG21-10	Install Conduit - HRSG #2 Area	25d	0%	08-Nov-12	17-Dec-12												
NT-HRG21-20	Install Instrumentation - HRSG #2 Area	21d	0%	14-Nov-12	17-Dec-12												
FWH-2-1 - UNIT #2 BOILER FEEDWATER, HIGH PRESSURE		22d		16-Oct-12 A	13-Dec-12												
CS-2HRSG-BFW-PPG-002	Install HRSG #2 HP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	22d	40%	16-Oct-12 A	13-Dec-12												

█ Actual Work
 █ Critical Remaining Work
 ▾ Summary
█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	November 2012					December 2012				January 2013				
						22	29	05	12	19	26	03	10	17	24	31	07	14	
FWI-2-1 - UNIT #2 BOILER FEEDWATER, INTERMEDIATE PRESSURE						26-Dec-12, FWI-2-1 - UNIT #2													
CS-2HRSG-BFW-PPG-003	Install HRSG #2 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	30d	30%	26-Oct-12 A	26-Dec-12	Install HRSG #2 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG													
BVD-2-1 - BOILER VENTS AND DRAINS UNIT#2						07-Dec-12, BVD-2-1 - BOILER VENTS AND DRAINS UNIT#2													
CS-2HRSG-BBS-PPG-001	Install HRSG #2 BBS Pipe - BD Tank to/from HRSG	27d	10%	29-Oct-12 A	07-Dec-12	Install HRSG #2 BBS Pipe - BD Tank to/from HRSG													
CS2HRSG2107	Grout Blowdown Tank HRSG#2	1d	0%	29-Oct-12	29-Oct-12	Grout Blowdown Tank HRSG#2													
BVD-3-1 - BOILER VENTS AND DRAINS UNIT#3						29-Oct-12, BVD-3-1 - BOILER VENTS AND DRAINS UNIT#3													
CS2HRSG2125	Grout Blowdown Tank HRSG# 3	1d	0%	29-Oct-12*	29-Oct-12	Grout Blowdown Tank HRSG# 3													
BFW-2-1 - BOILER FEED PUMP UNIT#2						27-Nov-12, BFW-2-1 - BOILER FEED PUMP UNIT#2													
CS-2HRSG-BFW-PPG-001	Install HRSG #2 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG & from C	10d	30%	16-Oct-12 A	27-Nov-12	Install HRSG #2 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG & from C													
BVD-1-1 - BOILER VENTS AND DRAINS UNIT#1						29-Oct-12, BVD-1-1 - BOILER VENTS AND DRAINS UNIT#1													
CS2HRSG2135	Grout Blowdown Tank HRSG# 1	1d	0%	29-Oct-12	29-Oct-12	Grout Blowdown Tank HRSG# 1													
AS-0-1 - AUX BOILER / STEAM SYSTEM						27-Nov-12, AS-0-1 - AUX BOILER / STEAM SYSTEM													
CS-2HRSG-SAX-PPG-001	Install HRSG #2 SAX Pipe - SAX Header to HRSG & BD Tank	10d	10%	26-Oct-12 A	27-Nov-12	Install HRSG #2 SAX Pipe - SAX Header to HRSG & BD Tank													
HRH-0-1 - HOT REHEAT STEAM COMMON						28-Nov-12, HRH-0-1 - HOT REHEAT STEAM COMMON													
CS-2HRSG-SSH-PPG-003	Install HRSG #2 SSH Pipe - Drip Leg to ST Drain Tank	10d	0%	13-Nov-12	28-Nov-12	Install HRSG #2 SSH Pipe - Drip Leg to ST Drain Tank													
DBR-2-1 - UNIT#2 HEAT RECOVERY STEAM GENERATOR DUCT BURNER						28-Nov-12, DBR-2-1 - UNIT#2 HEAT RECOVERY STEAM GENERATOR DUCT BURNER													
NT-DBR21-10	DBR-2-1-Install Conduit	9d	0%	05-Nov-12	15-Nov-12	DBR-2-1-Install Conduit													
NT-DBR21-20	DBR-2-1-Install Instrumentation	1d	0%	08-Nov-12	09-Nov-12	DBR-2-1-Install Instrumentation													
NT-DBR21-31	DBR-2-1-Pull Control Cable	7d	0%	16-Nov-12	28-Nov-12	DBR-2-1-Pull Control Cable													
NT-DBR21-41	DBR-2-1-Pull Power Cable	5d	0%	16-Nov-12	26-Nov-12	DBR-2-1-Pull Power Cable													
NT-DBR21-51	DBR-2-1-Pull Instrumentation / Communication Cable	6d	0%	16-Nov-12	27-Nov-12	DBR-2-1-Pull Instrumentation / Communication Cable													
SCR-2-1 - SCR UNIT#2						26-Nov-12, SCR-2-1 - SCR UNIT#2													
NT-SCR21-20	SCR-2-1-Install Instrumentation	10d	0%	08-Nov-12	26-Nov-12	SCR-2-1-Install Instrumentation													
NT-SCR21-10	SCR-2-1-Install Conduit	3d	0%	19-Nov-12	26-Nov-12	SCR-2-1-Install Conduit													
CEM-2-1 - CEMS UNIT#2						21-Nov-12, CEM-2-1 - CEMS UNIT#2													
CS2HRSG128	UPGRADE HRSG#2 CEMSS	15d	0%	27-Aug-12 A	16-Nov-12	UPGRADE HRSG#2 CEMSS													
NT-CEM21-10	CEMS-2-1-Install Conduit	5d	0%	12-Nov-12	16-Nov-12	CEMS-2-1-Install Conduit													
NT-CEM21-20	CEMS-2-1-Install Instrumentation	4d	0%	13-Nov-12	16-Nov-12	CEMS-2-1-Install Instrumentation													
NT-CEM21-31	CEMS-2-1-Pull Control Cable	1d	0%	19-Nov-12	19-Nov-12	CEMS-2-1-Pull Control Cable													
NT-CEM21-51	CEMS-2-1-Pull Instrumentation / Communication Cable	3d	0%	19-Nov-12	21-Nov-12	CEMS-2-1-Pull Instrumentation / Communication Cable													
HRSG#4						04-Jan-13, HRSG#4													
CCW-0-1 - CLOSED COOLING WATER						08-Nov-12, CCW-0-1 - CLOSED COOLING WATER													
CS-4HRSG-CCW-PPG-001	Install HRSG #4 CCW Pipe - From Existing to BFW Pumps	3d	70%	16-Oct-12 A	08-Nov-12	Install HRSG #4 CCW Pipe - From Existing to BFW Pumps													
FGS-4-1 - FUEL GAS SUPPLY UNIT#4 DBR						20-Nov-12, FGS-4-1 - FUEL GAS SUPPLY UNIT#4 DBR													
CS-4HRSG-FGS-PPG-001	Install HRSG #4 FGS Pipe- FGS Header to Duct Burner Skid	5d	85%	07-Sep-12 A	06-Nov-12	Install HRSG #4 FGS Pipe- FGS Header to Duct Burner Skid													
CS4DBR220	SET FG Flow meter #4 - HRSG4	2d	0%	29-Oct-12*	30-Oct-12	SET FG Flow meter #4 - HRSG4													
NT-FGS41-10	FGS-4-1-Install Conduit	4d	0%	09-Nov-12	15-Nov-12	FGS-4-1-Install Conduit													
NT-FGS41-20	FGS-4-1-Install Instrumentation	1d	0%	14-Nov-12	15-Nov-12	FGS-4-1-Install Instrumentation													
NT-FGS41-31	FGS-4-1-Pull Control Cable	1d	0%	15-Nov-12	16-Nov-12	FGS-4-1-Pull Control Cable													
NT-FGS41-41	FGS-4-1-Pull Power Cable	2d	0%	15-Nov-12	19-Nov-12	FGS-4-1-Pull Power Cable													
NT-FGS41-51	FGS-4-1-Pull Instrumentation / Communication Cable	1d	0%	15-Nov-12	16-Nov-12	FGS-4-1-Pull Instrumentation / Communication Cable													
NT-FGS41-32	FGS-4-1-Term Control Cables	1d	0%	16-Nov-12	19-Nov-12	FGS-4-1-Term Control Cables													
NT-FGS41-52	FGS-4-1-Term Communication & Instrumentation Cables	1d	0%	16-Nov-12	19-Nov-12	FGS-4-1-Term Communication & Instrumentation Cables													
NT-FGS41-42	FGS-4-1-Term Power Cables	1d	0%	19-Nov-12	20-Nov-12	FGS-4-1-Term Power Cables													
HRSG-4-1 - UNIT#4 HEAT RECOVERY STEAM GENERATOR						21-Dec-12, HRSG-4-1 - UNIT#4 HEAT RECOVERY STEAM GENERATOR													

█ Actual Work
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█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	November 2012					December 2012				January 2013				
						22	29	05	12	19	26	03	10	17	24	31	07	14	
CS4HRSG1206	HRSG4-Install Insul/Liner Bay 4 to 3	5d	70%	11-Jun-12 A	09-Nov-12	HRSG4-Install Insul/Liner Bay 4 to 3													
CS4HRSG1211	HRSG4-Install Insul/Liner Bay 2 to 1	1d	90%	11-Jun-12 A	29-Oct-12	HRSG4-Install Insul/Liner Bay 2 to 1													
CS4HRSG1220	HRSG4-Install IP Code Piping	5d	60%	25-Jun-12 A	02-Nov-12	HRSG4-Install IP Code Piping													
CS4HRSG1218	HRSG4-Install HP Code Piping	5d	90%	09-Jul-12 A	02-Nov-12	HRSG4-Install HP Code Piping													
CS4HRSG1204	HRSG4-Install Insul/Liner Bay 5 to 4	10d	60%	23-Jul-12 A	09-Nov-12	HRSG4-Install Insul/Liner Bay 5 to 4													
NT-1430	Install Cable Tray - HRSG #4 Area	5d	90%	01-Oct-12 A	02-Nov-12	Install Cable Tray - HRSG #4 Area													
CS4HRSG1286	HRSG4-Install Non-Code Piping/Vents/Drains	35d	0%	31-Oct-12	21-Dec-12	HRSG4-Install Non-Code Piping/Vents/													
CS4HRSG1243	HRSG4-Hydrotest	7d	0%	05-Nov-12	14-Nov-12	HRSG4-Hydrotest													
CS4HRSG1209	HRSG4-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	14d	0%	08-Nov-12*	30-Nov-12	HRSG4-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR													
NT-1490	Install Xformer - HRSG #4 Area	1d	0%	13-Nov-12	14-Nov-12	Install Xformer - HRSG #4 Area													
NT-HRG41-10	Install Conduit - HRSG #4 Area	25d	0%	14-Nov-12	21-Dec-12	Install Conduit - HRSG #4 Area													
NT-HRG41-20	Install Instrumentation - HRSG #4 Area	21d	0%	20-Nov-12	21-Dec-12	Install Instrumentation - HRSG #4 Area													
FWH-4-1 - UNIT #4 BOILER FEEDWATER, HIGH PRESSURE		35d		24-Oct-12 A	19-Dec-12	19-Dec-12, FWH-4-1 - UNIT #4 BOILER													
CS-4HRSG-BFW-PPG-002	Install HRSG #4 HP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	35d	30%	24-Oct-12 A	19-Dec-12	Install HRSG #4 HP BFW Pipe - Drops to													
FWI-4-1 - UNIT #1 BOILER FEEDWATER, INTERMEDIATE PRESSURE		35d		26-Oct-12 A	04-Jan-13	04-Jan-13, FWI-4-1													
CS-4HRSG-BFW-PPG-003	Install HRSG #4 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	35d	20%	26-Oct-12 A	04-Jan-13	Install HRSG #4 IP B													
BFW-4-1 - BOILER FEED PUMP UNIT#1		10d		26-Oct-12 A	27-Nov-12	27-Nov-12, BFW-4-1 - BOILER FEED PUMP UNIT#1													
CS-4HRSG-BFW-PPG-001	Install HRSG #4 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG & from C	10d	30%	26-Oct-12 A	27-Nov-12	Install HRSG #4 BFW Pipe - Drops to BFW Piperack, BFW Pumps to/fr													
BVD-4-1 - BOILER VENTS AND DRAINS UNIT#4		30d		12-Nov-12	27-Dec-12	27-Dec-12, BVD-4-1 - BOILER													
CS-4HRSG-BBS-PPG-001	Install HRSG #4 BBS Pipe - BD Tank to/from HRSG	30d	0%	12-Nov-12	27-Dec-12	Install HRSG #4 BBS Pipe - BD													
HRH-0-1 - HOT REHEAT STEAM COMMON		15d		29-Aug-12 A	28-Nov-12	28-Nov-12, HRH-0-1 - HOT REHEAT STEAM COMMON													
CS-4HRSG-SSH-PPG-001	Install HRSG #4 SSH Pipe - Drops to Piperack SSH	10d	90%	29-Aug-12 A	20-Nov-12	Install HRSG #4 SSH Pipe - Drops to Piperack SSH													
CS-4HRSG-SSH-PPG-003	Install HRSG #4 SSH Pipe - Drip Leg to ST Drain Tank	8d	0%	14-Nov-12	28-Nov-12	Install HRSG #4 SSH Pipe - Drip Leg to ST Drain Tank													
MS-0-1 - MAIN STEAM COMMON		2d		27-Aug-12 A	26-Nov-12	26-Nov-12, MS-0-1 - MAIN STEAM COMMON													
CS-4HRSG-SHP-PPG-001	Install HRSG #4 SHP Pipe - Drops to Piperack SHP	2d	80%	27-Aug-12 A	26-Nov-12	Install HRSG #4 SHP Pipe - Drops to Piperack SHP													
DBR-4-1 - UNIT#4 HEAT RECOVERY STEAM GENERATOR DUCT BURNER		16d		05-Nov-12	28-Nov-12	28-Nov-12, DBR-4-1 - UNIT#4 HEAT RECOVERY STEAM GENERAT													
NT-DBR41-10	DBR-4-1-Install Conduit	9d	0%	05-Nov-12	15-Nov-12	DBR-4-1-Install Conduit													
NT-DBR41-20	DBR-4-1-Install Instrumentation	1d	0%	14-Nov-12	15-Nov-12	DBR-4-1-Install Instrumentation													
NT-DBR41-31	DBR-4-1-Pull Control Cable	7d	0%	16-Nov-12	28-Nov-12	DBR-4-1-Pull Control Cable													
NT-DBR41-41	DBR-4-1-Pull Power Cable	4d	0%	16-Nov-12	21-Nov-12	DBR-4-1-Pull Power Cable													
NT-DBR41-51	DBR-4-1-Pull Instrumentation / Communication Cable	7d	0%	16-Nov-12	28-Nov-12	DBR-4-1-Pull Instrumentation / Communication Cable													
SCR-4-1 - SCR UNIT#4		11d		14-Nov-12	03-Dec-12	03-Dec-12, SCR-4-1 - SCR UNIT#4													
NT-SCR41-20	SCR-4-1-Install Instrumentation	5d	0%	14-Nov-12	21-Nov-12	SCR-4-1-Install Instrumentation													
NT-SCR41-10	SCR-4-1-Install Conduit	4d	0%	15-Nov-12	21-Nov-12	SCR-4-1-Install Conduit													
NT-SCR41-41	SCR-4-1-Pull Power Cable	6d	0%	21-Nov-12	03-Dec-12	SCR-4-1-Pull Power Cable													
CEM-4-1 - CEMS UNIT#4		18d		27-Aug-12 A	27-Nov-12	27-Nov-12, CEM-4-1 - CEMS UNIT#4													
CS4HRSG128	UPGRADE HRSG#4 CEMS	15d	0%	27-Aug-12 A	20-Nov-12	UPGRADE HRSG#4 CEMS													
NT-CEM41-10	CEMS-4-1-Install Conduit	4d	0%	14-Nov-12	20-Nov-12	CEMS-4-1-Install Conduit													
NT-CEM41-20	CEMS-4-1-Install Instrumentation	4d	0%	14-Nov-12	20-Nov-12	CEMS-4-1-Install Instrumentation													
NT-CEM41-31	CEMS-4-1-Pull Control Cable	1d	0%	20-Nov-12	21-Nov-12	CEMS-4-1-Pull Control Cable													
NT-CEM41-51	CEMS-4-1-Pull Instrumentation / Communication Cable	3d	0%	20-Nov-12	27-Nov-12	CEMS-4-1-Pull Instrumentation / Communication Cable													
HRSG#1		46d		25-Jun-12 A	07-Jan-13	07-Jan-13, HRS													
CCW-0-1 - CLOSED COOLING WATER		15d		06-Nov-12	29-Nov-12	29-Nov-12, CCW-0-1 - CLOSED COOLING WATER													
CS-1HRSG-CCW-PPG-001	Install HRSG #1 CCW Pipe - From Existing to BFW Pumps	15d	0%	06-Nov-12	29-Nov-12	Install HRSG #1 CCW Pipe - From Existing to BFW Pumps													
FGS-1-1 - FUEL GAS SUPPLY UNIT#1 DBR		4d		17-Sep-12 A	01-Nov-12	01-Nov-12, FGS-1-1 - FUEL GAS SUPPLY UNIT#1 DBR													
CS-1HRSG-FGS-PPG-001	Install HRSG #1 FGS Pipe - FGS Header to Duct Burner Skid	2d	90%	17-Sep-12 A	30-Oct-12	Install HRSG #1 FGS Pipe - FGS Header to Duct Burner Skid													

█ Actual Work
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Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	November 2012					December 2012				January 2013				
						22	29	05	12	19	26	03	10	17	24	31	07	14	
CS1DBR220	SET FG Flow meter #1 - HRSG1	2d	30%	24-Oct-12 A	01-Nov-12	SET FG Flow meter #1 - HRSG1													
HRSG-1-1 - UNIT#1 HEAT RECOVERY STEAM GENERATOR						26-Dec-12, HRSG-1-1 - UNIT#1													
CS1HRSG1218	HRSG1-Install HP Code Piping	15d	65%	25-Jun-12 A	19-Nov-12	HRSG1-Install HP Code Piping													
CS1HRSG1220	HRSG1-Install IP Code Piping	16d	60%	27-Jun-12 A	20-Nov-12	HRSG1-Install IP Code Piping													
CS1HRSG1211	HRSG1-Install Insul/Liner Bay 2 to 1	6d	10%	04-Sep-12 A	05-Nov-12	HRSG1-Install Insul/Liner Bay 2 to 1													
NT-1590	Install Cable Tray - HRSG #1 Area	5d	90%	01-Oct-12 A	16-Nov-12	Install Cable Tray - HRSG #1 Area													
CS1HRSG2116	HRSG1-Install Non-Code Piping/Vents/Drains	35d	0%	31-Oct-12	26-Dec-12	HRSG1-Install Non-Code Piping/Vents/Drains													
CS1HRSG1204	HRSG1-Install Insul/Liner Bay 5 to 4	5d	0%	13-Nov-12	19-Nov-12	HRSG1-Install Insul/Liner Bay 5 to 4													
CS1HRSG1206	HRSG1-Install Insul/Liner Bay 4 to 3	5d	0%	13-Nov-12*	19-Nov-12	HRSG1-Install Insul/Liner Bay 4 to 3													
CS1HRSG1224	HRSG1-Install HP S/U Vent & Supt Steel	5d	0%	21-Nov-12	29-Nov-12	HRSG1-Install HP S/U Vent & Supt Steel													
CS1HRSG1243	HRSG1-Hydrotest	7d	0%	21-Nov-12	03-Dec-12	HRSG1-Hydrotest													
FWI-1-1 - UNIT #1 BOILER FEEDWATER, INTERMEDIATE PRESSURE						28-Dec-12, FWI-1-1 - UNIT #1													
CS-1HRSG-BFW-PPG-003	Install HRSG #1 IP BFW Pipe - Drops to BFW Piperack, BFW Pumps to/from HRSG	35d	0%	06-Nov-12	28-Dec-12	Install HRSG #1 IP BFW Pipe													
BFW-1-1 - BOILER FEED PUMP UNIT#1						29-Nov-12, BFW-1-1 - BOILER FEED PUMP UNIT#1													
CS-1HRSG-BFW-PPG-001	Install HRSG #1 BFW Pipe - Drops to HP BFW Piperack, BFW Pumps to/from HRSG & fro	15d	0%	02-Nov-12 A	29-Nov-12	Install HRSG #1 BFW Pipe - Drops to HP BFW Piperack, BFW Pumps to/from HRSG & fro													
BVD-1-1 - BOILER VENTS AND DRAINS UNIT#1						07-Jan-13, BVD-1-1 - BOILER VENTS AND DRAINS UNIT#1													
CS-1HRSG-BBS-PPG-001	Install HRSG #1 BBS Pipe - BD Tank to/from HRSG	30d	0%	19-Nov-12	07-Jan-13	Install HRSG #1 BBS Pipe - BD Tank to/from HRSG													
MS-0-1 - MAIN STEAM COMMON						03-Dec-12, MS-0-1 - MAIN STEAM COMMON													
CS-1HRSG-SHP-PPG-001	Install HRSG #1 SHP Pipe - Drops to Piperack SHP	7d	90%	27-Aug-12 A	03-Dec-12	Install HRSG #1 SHP Pipe - Drops to Piperack SHP													
DBR-1-1 - UNIT#1 HEAT RECOVERY STEAM GENERATOR DUCT BURNER						04-Dec-12, DBR-1-1 - UNIT#1 HEAT RECOVERY STEAM GENERATOR DUCT BURNER													
NT-DBR11-10	DBR-1-1-Install Conduit	10d	0%	16-Nov-12	04-Dec-12	DBR-1-1-Install Conduit													
CEM-1-1 - CEMS UNIT#1						07-Dec-12, CEM-1-1 - CEMS UNIT#1													
CS1HRSG128	UPGRADE HRSG#1 CEMSS	15d	0%	31-Aug-12 A	07-Dec-12	UPGRADE HRSG#1 CEMSS													
STEAM TURBINE AREA																			
WW-0-1 - MAIN WASTE WATER / SUMP						08-Nov-12, WW-0-1 - MAIN WASTE WATER / SUMP													
CS-STG-WWC-PPG-001	Install STG Area WWC Pipe	4d	0%	05-Nov-12*	08-Nov-12	Install STG Area WWC Pipe													
PW-0-1 - POTABLE WATER / SAFETY SHOWERS						04-Dec-12, PW-0-1 - POTABLE WATER / SAFETY SHOWERS													
CS-STG-PWS-PPG-001	Install STG Area PWS Pipe	15d	0%	09-Nov-12	04-Dec-12	Install STG Area PWS Pipe													
CW-0-1 - CIRCULATING WATER						26-Dec-12, CW-0-1 - CIRCULATING WATER													
CS-PR-CWS-PPG-001	Install Piperack CWS Pipe - CWS Header (0017) to STG Area	4d	30%	16-Oct-12 A	08-Nov-12	Install Piperack CWS Pipe - CWS Header (0017) to STG Area													
CS-STG-CWS-PPG-001	Install STG Area CWS Pipe	30d	15%	18-Oct-12 A	26-Dec-12	Install STG Area CWS Pipe													
ACW-0-1 - AUXILIARY COOLING WATER						15-Nov-12, ACW-0-1 - AUXILIARY COOLING WATER													
CS-STG-ACW-PPG-001	Install STG Area ACW Pipe	8d	0%	02-Nov-12	15-Nov-12	Install STG Area ACW Pipe													
PA-0-1 - PLANT AIR / INSTRUMENT AIR						19-Dec-12, PA-0-1 - PLANT AIR / INSTRUMENT AIR													
CS-STG-IAS-PPG-001	Install STG Area IAS and SAS Pipe	24d	0%	13-Nov-12	19-Dec-12	Install STG Area IAS and SAS Pipe													
CF-0-3 - CHEMICAL FEED CYCLE						20-Dec-12, CF-0-3 - CHEMICAL FEED CYCLE													
CS-STG-CCF-PPG-001	Install STG Area CCF Pipe	30d	0%	06-Nov-12	20-Dec-12	Install STG Area CCF Pipe													
DWP-0-1 - DEMINERALIZED WATER PRODUCTION						08-Nov-12, DWP-0-1 - DEMINERALIZED WATER PRODUCTION													
CS-STG-DMN-PPG-001	Install RO Area DMN Pipe	9d	10%	26-Oct-12 A	08-Nov-12	Install RO Area DMN Pipe													
CCW-0-1 - CLOSED COOLING WATER						18-Dec-12, CCW-0-1 - CLOSED COOLING WATER													
CS-STG-CCW-PPG-001	Install STG Area CCW Pipe	20d	70%	11-Oct-12 A	18-Dec-12	Install STG Area CCW Pipe													
CN-0-1 - CONDENSATE						27-Dec-12, CN-0-1 - CONDENSATE													
CS-STG-CNS-PPG-001	Install STG Area CNS Pipe	34d	15%	10-Sep-12 A	27-Dec-12	Install STG Area CNS Pipe													
CS0CN-F34	Exc/Form/Rebar OWS Slab on Grade (Need Design Info.)	5d	0%	20-Nov-12*	28-Nov-12	Exc/Form/Rebar OWS Slab on Grade (Need Design Info.)													

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						22	29	05	12	19	26	03	10	17	24	31	07	14	
SCN-5-1 - UNIT#1 STEAM TURBINE CONDENSER						03-Dec-12, SCN-5-1 - UNIT#1 STEAM TURBINE CONDENSE													
TS-STG-SCN-PPG-001	Install STG area AEX piping to Condenser	5d	20%	22-Oct-12 A	02-Nov-12	Install STG area AEX piping to Condenser													
NT-SCN51-20	SCN-5-1-Install Instrumentation	10d	0%	15-Nov-12*	30-Nov-12	SCN-5-1-Install Instrumentation													
NT-SCN51-10	SCN-5-1-Install Conduit	10d	0%	16-Nov-12	03-Dec-12	SCN-5-1-Install Conduit													
AS-0-1 - AUX BOILER / STEAM SYSTEM						24-Oct-12 A, 25-Jan-13													
CS0AUXB101	POUR CONCRETE FNDN ELECTRIC BOILER GA - Item #71	0d	100%	24-Oct-12 A	24-Oct-12 A	POUR CONCRETE FNDN ELECTRIC BOILER GA - Item #71													
CS0AUXB102	BACKFILL FNDN ELEC BOILER GA - Item #71	1d	0%	01-Nov-12	01-Nov-12	BACKFILL FNDN ELEC BOILER GA - Item #71													
CS-STG-SAX-PPG-001	Install STG Area SAX Pipe	50d	0%	07-Nov-12	25-Jan-13	07-Nov-12, AB-0-1 Aux. Boiler													
AB-0-1 Aux. Boiler						07-Nov-12, AB-0-1 Aux. Boiler													
CS0AUXB100	ERECT ELECT STM BOILER	5d	0%	01-Nov-12	07-Nov-12	ERECT ELECT STM BOILER													
CRH-0-1 - COLD REHEAT STEAM COMMON						11-Dec-12, CRH-0-1 - COLD REHEAT STEAM COM													
CS-STG-SSC-PPG-002	Install STG Area SSC Pipe	16d	30%	01-Oct-12 A	11-Dec-12	Install STG Area SSC Pipe													
HRH-0-1 - HOT REHEAT STEAM COMMON						26-Oct-12 A, HRH-0-1 - HOT REHEAT STEAM COMMON													
CS-STG-SSH-PPG-002	Install STG Area SSH Pipe	0d	100%	22-Oct-12 A	26-Oct-12 A	Install STG Area SSH Pipe													
MS-0-1 - MAIN STEAM COMMON						28-Sep-12 A, 04-Dec-12													
CS-STG-SHP-PPG-002	Install STG Area SHP Pipe	15d	60%	28-Sep-12 A	04-Dec-12	Install STG Area SHP Pipe													
SCS-5-1 - UNIT#5 STEAM TURBINE CONTROLS						14-Dec-12, SCS-5-1 - UNIT#5 STEAM TURBINE													
NT-SCS51-20	SCS-5-1-Install Instrumentation	20d	0%	14-Nov-12	14-Dec-12	SCS-5-1-Install Instrumentation													
SLO-5-1 - UNIT#5 STEAM TURBINE GENERATOR LUBE OIL						19-Nov-12, 06-Dec-12, SLO-5-1 - UNIT#5 STEAM TURBINE GENERA													
CS0STGM239	STG-Set and align lube oil pumps and vapor extractor motors	4d	0%	19-Nov-12	27-Nov-12	STG-Set and align lube oil pumps and vapor extractor motors													
CS0STGM445	STG-Install lube oil piping (Required for Final Alignment)	10d	0%	20-Nov-12	06-Dec-12	STG-Install lube oil piping (Required for Final Alignment)													
SEH-5-1 - UNIT#5 STEAM TURBINE ELECTRO HYDRAULIC CONTROLS						03-Dec-12, SEH-5-1 - UNIT#5 STEAM TURBINE ELECTRO H													
CS0STGM243	STG-Install hydraulic power piping	10d	0%	05-Nov-12	19-Nov-12	STG-Install hydraulic power piping													
NT-SEH51-20	SEH-5-1-Install Instrumentation	10d	0%	05-Nov-12	19-Nov-12	SEH-5-1-Install Instrumentation													
NT-SEH51-10	SEH-5-1-Install Conduit	10d	0%	16-Nov-12	03-Dec-12	SEH-5-1-Install Conduit													
CS0STGM242	STG-Align hydraulic power unit pumps	4d	0%	19-Nov-12	27-Nov-12	STG-Align hydraulic power unit pumps													
STG-5-1 - UNIT#5 STEAM TURBINE						14-Dec-12, STG-5-1 - UNIT#5 STEAM TURBINE													
CS0STGM231	STG-Align and weld main steam line to the HP turbine-HP@Shell (Weld 2 Bottom)	2d	0%	10-Oct-12 A	06-Nov-12	STG-Align and weld main steam line to the HP turbine-HP@Shell (Weld 2 Bottom)													
CS0STGM114	STG-Measure#2 and record internal LP turbine clearances	2d	0%	12-Oct-12 A	08-Nov-12	STG-Measure#2 and record internal LP turbine clearances													
CS0STG1235	SEQ 4.1 Access -ERECT STG PLATFORM STEEL Hand Rail Only	10d	90%	23-Oct-12 A	09-Nov-12	SEQ 4.1 Access -ERECT STG PLATFORM STEEL Hand Rail Only													
NT-1750	Install Cable Tray - STG Area	14d	0%	29-Oct-12	15-Nov-12	Install Cable Tray - STG Area													
CS0STGM220	STG-Clean and install main steam leads-HP@Valves	2d	0%	08-Nov-12	13-Nov-12	STG-Clean and install main steam leads-HP@Valves													
CS0STGM226	STG-Weld main steam leads and combined stop & control valve-HP@Valves (Weld 4)	2d	0%	09-Nov-12	13-Nov-12	STG-Weld main steam leads and combined stop & control valve-HP@Valves (Weld 4)													
CS0STGM232	STG-Align and weld Main steam line to the HP turbine-HP@Valves (Weld 5)	1d	0%	13-Nov-12	14-Nov-12	STG-Align and weld Main steam line to the HP turbine-HP@Valves (Weld 5)													
CS0STGM115	STG-Measure#3 and record internal LP turbine clearances	2d	0%	14-Nov-12	16-Nov-12	STG-Measure#3 and record internal LP turbine clearances													
CS0STGM221	STG-Clean and install main steam leads-LP@Shell Top	2d	0%	16-Nov-12	20-Nov-12	STG-Clean and install main steam leads-LP@Shell Top													
NT-STG51-20	Install Instrumentation - STG Area	18d	0%	16-Nov-12	14-Dec-12	Install Instrumentation - STG Area													
CS0STGM227	STG-Weld RH steam leads and combined stop & control valve-LP@Shell Top (Weld 6)	2d	0%	19-Nov-12	21-Nov-12	STG-Weld RH steam leads and combined stop & control valve-LP@Shell Top (Weld 6)													
CS0STGM233	STG-Align and weld main steam line to the HP turbine-@Shell Top (Weld 3)	1d	0%	21-Nov-12	21-Nov-12	STG-Align and weld main steam line to the HP turbine-@Shell Top (Weld 3)													
SVD-5-1 - UNIT#5 STEAM TURBINE VENTS & DRAINS						09-Nov-12, 28-Jan-13													
CS-STG-SDN-PPG-001	Instal STG Area SDN Pipe	50d	0%	09-Nov-12	28-Jan-13	Instal STG Area SDN Pipe													
GEN-5-1 - UNIT#5 ST GENERATOR						29-Oct-12, 26-Dec-12, GEN-5-1 - UNIT#5 S													
CS0STG1170	INSTALL 15 kV BUS & SPPTS GSU/GEN - STG	40d	0%	29-Oct-12	26-Dec-12	INSTALL 15 kV BUS & SPPTS G													
SSS-5-1 - UNIT#5 STEAM TURBINE SEALING STEAM						23-Oct-12 A, 16-Jan-13													
CS-STG-GSS-PPG-001	Install STG Area GSS Pipe	44d	10%	23-Oct-12 A	16-Jan-13	Insta													
STV-5-1 - UNIT#5 STEAM TURBINE VACUUM						09-Nov-12, 11-Dec-12, STV-5-1 - UNIT#5 STEAM TURBINE VA													

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CS-STG-AEX-PPG-001	Install STG Area AEX Pipe to Hogging pump and holding skid	20d	0%	09-Nov-12	11-Dec-12												
GCP-5-1 - UNIT #5 STEAM TURBINE GENERATOR COOLING & PURGE GAS		20d		02-Nov-12	05-Dec-12												
CS0STGM425	STG-Install Generator Cooler Piping	20d	0%	02-Nov-12	04-Dec-12												
NT-GCP51-10	GCP-5-1-Install Conduit	10d	0%	19-Nov-12	05-Dec-12												
NT-GCP51-20	GCP-5-1-Install Instrumentation	10d	0%	19-Nov-12	05-Dec-12												
PIPE RACK		44d		09-Jan-12 A	03-Jan-13												
BOP MISC		5d		19-Nov-12	23-Nov-12												
EPY70113717	BOP STEEL - Install 7.1 Steel - PDC Access Platform & Stairs	5d	0%	19-Nov-12*	23-Nov-12												
CF-0-3 - CHEMICAL FEED CYCLE		30d		06-Nov-12	20-Dec-12												
CS-PR-CCF-PPG-001	Install Piperack CCF Pipe - Lines from HRSG Drops to STG Area for tie-in to CCF Skid	30d	0%	06-Nov-12	20-Dec-12												
FGS-0-1 - FUEL GAS SUPPLY COMMON		1d		23-Jul-12 A	30-Oct-12												
CS-PR-FGS-PPG-001	Install Piperack FGS Pipe - FGS Header (0004 & 3002) toHRSG Area	1d	80%	23-Jul-12 A	30-Oct-12												
CN-0-1 - CONDENSATE		37d		30-Oct-12 A	03-Jan-13												
CS-PR-CNS-PPG-001	Install Piperack CNS Pipe - Gland Strm Cond to Cond Prethr Hdr	37d	15%	30-Oct-12 A	03-Jan-13												
PUR-0-1 - PIPE / UTILITY RACK		15d		11-Jun-12 A	16-Nov-12												
CS-1SEQ-STL-003	Sequence 1 Detailing	1d	95%	11-Jun-12 A	29-Oct-12												
CS-2SEQ-STL-003	Sequence 2 Detailing	6d	95%	11-Jun-12 A	05-Nov-12												
CS-4SEQ-STL-003	Sequence 4 Steel Detailing	5d	90%	15-Aug-12 A	02-Nov-12												
NT-1000	Install Cable Tray - Pipe Rack Area	5d	75%	21-Aug-12 A	02-Nov-12												
CS-5SEQ-STL-003	Sequence 5 Detailing	1d	98%	10-Sep-12 A	29-Oct-12												
CS-CON-PPG-1000	Sequence Tee Poles Install (Qty - 52) in STG Area	15d	0%	29-Oct-12*	16-Nov-12												
CS-CON-PPG-1010	Sequence Tee Poles Install (Qty - 4) in HRSG 1 Area	15d	0%	29-Oct-12	16-Nov-12												
CS-CON-PPG-1020	Sequence Tee Poles Install (Qty - 2) in HRSG 2 Area	15d	0%	29-Oct-12	16-Nov-12												
CS-CON-PPG-1030	Sequence Tee Poles Install (Qty - 2) in HRSG 3 Area	15d	0%	29-Oct-12	16-Nov-12												
CS-CON-PPG-1040	Sequence Tee Poles Install (Qty - 2) in HRSG 4 Area	15d	0%	29-Oct-12	16-Nov-12												
CS-CON-PPG-1050	Sequence Tee Poles Install (Qty - 27) in Demin Tank Area	15d	0%	29-Oct-12	16-Nov-12												
CS-CON-PPG-1060	Sequence Tee Poles Install (Qty - 4) in Cooling Tower Area	15d	0%	29-Oct-12	16-Nov-12												
CS-4SEQ-STL-004	Sequence 4.1 Aux. and 7.1 Grating, Handrail & Ladders	1d	0%	06-Nov-12	06-Nov-12												
BVD-3-1 - BOILER VENTS AND DRAINS UNIT#3		14d		09-Jan-12 A	16-Nov-12												
CS0BVDU10	FAB & INSTALL U/G BBS PIPING	14d	50%	09-Jan-12 A	16-Nov-12												
BVD-4-1 - BOILER VENTS AND DRAINS UNIT#4		6d		16-Jul-12 A	06-Nov-12												
CS-PR-BBS-PPG-001	Install Piperack BBS Pipe - BBS Header (0001) to UG Stub	6d	68%	16-Jul-12 A	06-Nov-12												
AS-0-1 - AUX BOILER / STEAM SYSTEM		3d		15-Oct-12 A	31-Oct-12												
CS-PR-SAX-PPG-001	Install Piperack SAX Pipe - SAX Header (0003) to STG Area	3d	70%	15-Oct-12 A	31-Oct-12												
AB-0-1 Aux. Boiler		20d		07-Nov-12	10-Dec-12												
CS-SAX-PPG-002	Install SAX Piping at Aux Boiler	20d	0%	07-Nov-12	10-Dec-12												
HRH-0-1 - HOT REHEAT STEAM COMMON		20d		14-May-12 A	06-Dec-12												
CS-1PR-SSH-PPG--001	Install Piperack SSH Pipe from HRSG #1	5d	90%	14-May-12 A	13-Nov-12												
CS-2PR-SSH-PPG--001	Install Piperack SSH Pipe from HRSG #2	5d	90%	14-May-12 A	13-Nov-12												
CS-3PR-SSH-PPG--001	Install Piperack SSH Pipe from HRSG #3	20d	60%	14-May-12 A	06-Dec-12												
CS-4PR-SSH-PPG--001	Install Piperack SSH Pipe from HRSG #4	10d	90%	14-May-12 A	20-Nov-12												
CS-2PR-SSH-PPG--0011	Install Piperack SSH Pipe Closure Weld to HRSG #2	7d	0%	13-Nov-12	26-Nov-12												
CS-4PR-SSH-PPG--0011	Install Piperack SSH Pipe closure weld to HRSG #4	7d	0%	20-Nov-12	03-Dec-12												
MS-0-1 - MAIN STEAM COMMON		21d		21-May-12 A	07-Dec-12												
CS-PR-SHP-PPG--001	Install Piperack SHP Pipe	21d	80%	21-May-12 A	07-Dec-12												

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						22	29	05	12	19	26	03	10	17	24	31	07	14	
BOP-HV/MV ELECT		25d		17-Sep-12 A	04-Dec-12	04-Dec-12, BOP-HV/MV ELECT													
PDC-0-1 - PDC5 BUILDING		11d		21-Sep-12 A	12-Nov-12	12-Nov-12, PDC-0-1 - PDC5 BUILDING													
NT-3260	Install MCCs and Switchgear - MCC/Switchgear - PDC Area	1d	75%	21-Sep-12 A	30-Oct-12	Install MCCs and Switchgear - MCC/Switchgear - PDC Area													
CS0PDC51010	Complete Installation of Cable Tray after T-Pole Arrive- PDC 5 Area	5d	0%	05-Nov-12	09-Nov-12	Complete Installation of Cable Tray after T-Pole Arrive- PDC 5 Area													
NT-3280	Feed Tie-Ins - MCC/Switchgear - PDC Area	0d	0%	12-Nov-12*	12-Nov-12	Feed Tie-Ins - MCC/Switchgear - PDC Area													
DC-0-1 - BOP DC POWER		7d		23-Oct-12 A	07-Nov-12	07-Nov-12, DC-0-1 - BOP DC POWER													
NT-DC01-10	DC-0-1-Install Conduit	4d	75%	23-Oct-12 A	02-Nov-12	DC-0-1-Install Conduit													
NT-DC01-41	DC-0-1-Pull Power Cable	1d	0%	05-Nov-12	05-Nov-12	DC-0-1-Pull Power Cable													
NT-DC01-51	DC-0-1-Pull Instrumentation / Communication Cable	1d	0%	05-Nov-12	05-Nov-12	DC-0-1-Pull Instrumentation / Communication Cable													
NT-DC01-42	DC-0-1-Term Power Cables	2d	0%	06-Nov-12	07-Nov-12	DC-0-1-Term Power Cables													
NT-DC01-52	DC-0-1-Term Communication & Instrumentation Cables	2d	0%	06-Nov-12	07-Nov-12	DC-0-1-Term Communication & Instrumentation Cables													
UPS-0-1 - BOP UPS SYSTEM		6d		19-Sep-12 A	05-Nov-12	05-Nov-12, UPS-0-1 - BOP UPS SYSTEM													
NT-3210	Install UPS System - UPS - PDC Area	5d	75%	19-Sep-12 A	02-Nov-12	Install UPS System - UPS - PDC Area													
NT-3230	Connect Internal Wiring and Terms - UPS - PDC Area	1d	50%	26-Oct-12 A	05-Nov-12	Connect Internal Wiring and Terms - UPS - PDC Area													
ESS-0-1 - ESSENTIAL SERVICES MCC (Electric Boiler)		10d		16-Nov-12	04-Dec-12	04-Dec-12, ESS-0-1 - ESSENTIAL SERVICES MCC (Electric													
NT-ESS01-10	ESS-0-1-Install Conduit	10d	0%	16-Nov-12*	04-Dec-12	ESS-0-1-Install Conduit													
NT-ESS01-20	ESS-0-1-Install Instrumentation	10d	0%	16-Nov-12	04-Dec-12	ESS-0-1-Install Instrumentation													
EMV-0-1 - MV SWITCHGEAR 15-EMA-MC-001		20d		30-Oct-12	29-Nov-12	29-Nov-12, EMV-0-1 - MV SWITCHGEAR 15-EMA-MC-001													
NT-EMV01-31	EMV-0-1-Pull Control Cable	10d	0%	30-Oct-12	13-Nov-12	EMV-0-1-Pull Control Cable													
NT-EMV01-41	EMV-0-1-Pull Power Cable	10d	0%	30-Oct-12	13-Nov-12	EMV-0-1-Pull Power Cable													
NT-EMV01-51	EMV-0-1-Pull Instrumentation / Communication Cable	10d	0%	30-Oct-12	13-Nov-12	EMV-0-1-Pull Instrumentation / Communication Cable													
NT-EMV01-32	EMV-0-1-Term Control Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-1-Term Control Cables													
NT-EMV01-42	EMV-0-1-Term Power Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-1-Term Power Cables													
NT-EMV01-52	EMV-0-1-Term Communication & Instrumentation Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-1-Term Communication & Instrumentation Cables													
EMV-0-2 - MV SWITCHGEAR 15-EMA-MC-002		20d		30-Oct-12	29-Nov-12	29-Nov-12, EMV-0-2 - MV SWITCHGEAR 15-EMA-MC-002													
NT-EMV02-31	EMV-0-2-Pull Control Cable	10d	0%	30-Oct-12	13-Nov-12	EMV-0-2-Pull Control Cable													
NT-EMV02-51	EMV-0-2-Pull Instrumentation / Communication Cable	10d	0%	30-Oct-12	13-Nov-12	EMV-0-2-Pull Instrumentation / Communication Cable													
NT-EMV02-32	EMV-0-2-Term Control Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-2-Term Control Cables													
NT-EMV02-42	EMV-0-2-Term Power Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-2-Term Power Cables													
NT-EMV02-52	EMV-0-2-Term Communication & Instrumentation Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-2-Term Communication & Instrumentation Cables													
EMV-0-3 - MV SWITCHGEAR (TIE INS TO EXISTING SWGR)		20d		30-Oct-12	29-Nov-12	29-Nov-12, EMV-0-3 - MV SWITCHGEAR (TIE INS TO EXISTING SWGR)													
NT-EMV03-31	EMV-0-3-Pull Control Cable	10d	0%	30-Oct-12	13-Nov-12	EMV-0-3-Pull Control Cable													
NT-EMV03-41	EMV-0-3-Pull Power Cable	10d	0%	30-Oct-12	13-Nov-12	EMV-0-3-Pull Power Cable													
NT-EMV03-51	EMV-0-3-Pull Instrumentation / Communication Cable	10d	0%	30-Oct-12	13-Nov-12	EMV-0-3-Pull Instrumentation / Communication Cable													
NT-EMV03-32	EMV-0-3-Term Control Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-3-Term Control Cables													
NT-EMV03-42	EMV-0-3-Term Power Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-3-Term Power Cables													
NT-EMV03-52	EMV-0-3-Term Communication & Instrumentation Cables	10d	0%	13-Nov-12	29-Nov-12	EMV-0-3-Term Communication & Instrumentation Cables													
EMV-0-4 - MV SWITCHGEAR (PDC10 MV SWGR.)		15d		23-Oct-12 A	20-Nov-12	20-Nov-12, EMV-0-4 - MV SWITCHGEAR (PDC10 MV SWGR.)													
NT-EMV04-10	EMV-0-4-Install Conduit	0d	100%	23-Oct-12 A	30-Oct-12 A	EMV-0-4-Install Conduit													
NT-EMV04-20	EMV-0-4-Install Instrumentation	1d	0%	30-Oct-12	31-Oct-12	EMV-0-4-Install Instrumentation													
NT-EMV04-41	EMV-0-4-Pull Power Cable	8d	0%	31-Oct-12	12-Nov-12	EMV-0-4-Pull Power Cable													
NT-EMV04-42	EMV-0-4-Term Power Cables	6d	0%	12-Nov-12	20-Nov-12	EMV-0-4-Term Power Cables													
NT-EMV04-31	EMV-0-4-Pull Control Cable	2d	0%	15-Nov-12	19-Nov-12	EMV-0-4-Pull Control Cable													
NT-EMV04-32	EMV-0-4-Term Control Cables	1d	0%	19-Nov-12	20-Nov-12	EMV-0-4-Term Control Cables													
ELV-0-1 - LOW VOLTAGE SWGR 010-ELA-MC-001 in PDC# 7		15d		23-Oct-12 A	20-Nov-12	20-Nov-12, ELV-0-1 - LOW VOLTAGE SWGR 010-ELA-MC-001 in PDC# 7													
NT-LV01-10	LV-0-1-Install Conduit	0d	100%	23-Oct-12 A	30-Oct-12 A	LV-0-1-Install Conduit													
NT-LV01-20	LV-0-1-Install Instrumentation	5d	0%	30-Oct-12	06-Nov-12	LV-0-1-Install Instrumentation													

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NT-LV01-31	LV-0-1-Pull Control Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV01-41	LV-0-1-Pull Power Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV01-51	LV-0-1-Pull Instrumentation / Communication Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV01-32	LV-0-1-Term Control Cables	5d	0%	13-Nov-12	20-Nov-12												
NT-LV01-42	LV-0-1-Term Power Cables	5d	0%	13-Nov-12	20-Nov-12												
NT-LV01-52	LV-0-1-Term Communication & Instrumentation Cables	5d	0%	13-Nov-12	20-Nov-12												
ELV-0-2 - LOW VOLTAGE SWGR 010-ELA-MC-002 in PDC# 7		15d		23-Oct-12 A	20-Nov-12	20-Nov-12, ELV-0-2 - LOW VOLTAGE SWGR 010-ELA-MC-002 in PDC# 7											
NT-LV02-10	LV-0-2-Install Conduit	0d	100%	23-Oct-12 A	30-Oct-12 A												
NT-LV02-20	LV-0-2-Install Instrumentation	5d	0%	30-Oct-12	06-Nov-12												
NT-LV02-31	LV-0-2-Pull Control Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV02-41	LV-0-2-Pull Power Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV02-51	LV-0-2-Pull Instrumentation / Communication Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV02-32	LV-0-2-Term Control Cables	5d	0%	13-Nov-12	20-Nov-12												
NT-LV02-42	LV-0-2-Term Power Cables	5d	0%	13-Nov-12	20-Nov-12												
NT-LV02-52	LV-0-2-Term Communication & Instrumentation Cables	5d	0%	13-Nov-12	20-Nov-12												
ELV-0-3 - LOW VOLTAGE (TIEINS TO EXISTING SWGR)		15d		23-Oct-12 A	20-Nov-12	20-Nov-12, ELV-0-3 - LOW VOLTAGE (TIEINS TO EXISTING SWGR)											
NT-LV03-10	LV-0-3-Install Conduit	0d	100%	23-Oct-12 A	30-Oct-12 A												
NT-LV03-20	LV-0-3-Install Instrumentation	5d	0%	30-Oct-12	06-Nov-12												
NT-LV03-31	LV-0-3-Pull Control Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV03-41	LV-0-3-Pull Power Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV03-51	LV-0-3-Pull Instrumentation / Communication Cable	5d	0%	06-Nov-12	13-Nov-12												
NT-LV03-32	LV-0-3-Term Control Cables	5d	0%	13-Nov-12	20-Nov-12												
NT-LV03-42	LV-0-3-Term Power Cables	5d	0%	13-Nov-12	20-Nov-12												
NT-LV03-52	LV-0-3-Term Communication & Instrumentation Cables	5d	0%	13-Nov-12	20-Nov-12												
ELV-0-4 - LOW VOLTAGE in PDC# 12		23d		23-Oct-12 A	04-Dec-12	04-Dec-12, ELV-0-4 - LOW VOLTAGE in PDC# 12											
NT-LV04-10	LV-0-4-Install Conduit	0d	100%	23-Oct-12 A	30-Oct-12 A												
NT-LV04-20	LV-0-4-Install Instrumentation	5d	0%	30-Oct-12	06-Nov-12												
NT-LV04-41	LV-0-4-Pull Power Cable	10d	0%	06-Nov-12	20-Nov-12												
NT-LV04-42	LV-0-4-Term Power Cables	8d	0%	20-Nov-12	04-Dec-12												
DCS-0-1 - PLANT CONTROL SYSTEM		16d		17-Sep-12 A	19-Nov-12	19-Nov-12, DCS-0-1 - PLANT CONTROL SYSTEM											
NT-3250	Terms in DCS Cabinets - DCS - PDC Area	5d	90%	17-Sep-12 A	02-Nov-12												
NT-3380	Re-Term Cables - Existing DCS Switchout - PDC Area	14d	0%	31-Oct-12	19-Nov-12												
FUEL GAS AREA		28d		29-Oct-12	07-Dec-12	07-Dec-12, FUEL GAS AREA											
WW-0-1 - MAIN WASTE WATER / SUMP		4d		05-Nov-12	08-Nov-12	08-Nov-12, WW-0-1 - MAIN WASTE WATER / SUMP											
CS-FGA-WWC-PPG-001	Install Fuel Gas Area WWC Pipe	4d	0%	05-Nov-12	08-Nov-12												
FGS-0-1 - FUEL GAS SUPPLY COMMON		28d		29-Oct-12	07-Dec-12	07-Dec-12, FGS-0-1 - FUEL GAS SUPPLY COMMON											
CS-FGA-FGS-PPG-001	Install Fuel Gas Area FGS Pipe	20d	0%	29-Oct-12	28-Nov-12												
NT-2200	Install Cable Tray - Fuel Gas Area	14d	0%	16-Nov-12	07-Dec-12												
WTR TREATMENT AREA		21d		11-Oct-12 A	28-Nov-12	28-Nov-12, WTR TREATMENT AREA											
CF-0-3 - CHEMICAL FEED CYCLE		20d		11-Oct-12 A	28-Nov-12	28-Nov-12, CF-0-3 - CHEMICAL FEED CYCLE											
CS0CF2000	EXCAV/FORM/REBAR CYCLE CHEM FEED EQ FNDN	10d	25%	11-Oct-12 A	09-Nov-12												
CS0CF2016	POUR CONCRETE CYCLE CHEM FEED EQ FNDN	1d	0%	13-Nov-12	13-Nov-12												
CS0CF2018	BACKFILL CYCLE CHEM FEED EQ FNDN	1d	0%	19-Nov-12	19-Nov-12												
CS0CF2005	SET CYCLE CHEM FEED SKID	5d	0%	20-Nov-12	28-Nov-12												
DWP-0-1 - DEMINERALIZED WATER PRODUCTION		14d		07-Nov-12	28-Nov-12	28-Nov-12, DWP-0-1 - DEMINERALIZED WATER PRODUCTION											
NT-2220	Install Cable Tray - Water Treatment Area	14d	0%	07-Nov-12	28-Nov-12												

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Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	November 2012					December 2012				January 2013				
						22	29	05	12	19	26	03	10	17	24	31	07	14	
CIRC WATER / COOLING TWR AREA						58d													
CF-0-1 - CHEMICAL FEED COOLING TOWER						35d													
CS-CTA-TCF-PPG-001	Install CT Area TCF Pipe	35d	0%	29-Oct-12	19-Dec-12	19-Dec-12, CF-0-1 - CHEMICAL FEED COOLING TOWER													
CS0CF-1070	SET CW CHEM FEED SKID	5d	0%	29-Oct-12*	02-Nov-12	Install CT Area TCF Pipe													
CS0CF-1075	SET HYPOCHLORITE TANK	10d	0%	29-Oct-12*	09-Nov-12	SET CW CHEM FEED SKID													
CS0CF-1080	SET ACID TANK	10d	0%	29-Oct-12*	09-Nov-12	SET HYPOCHLORITE TANK													
CS0CF-U11	INSTALL U/G CF PIPING-CW CF SKID TO COOLING TOWER	15d	0%	31-Oct-12*	21-Nov-12	SET ACID TANK													
CTW-0-1 - COOLING TOWER						31d													
NT-2260	Install Cable Tray - Circ Water/Cooling Tower Area	10d	75%	29-Jun-12 A	06-Dec-12	INSTALL U/G CF PIPING-CW CF SKID TO COOLING TOWER													
CS-CWS-PPG-CTW01	Install CT CWS Pipe	30d	0%	19-Nov-12	07-Jan-13	07-Jan-13, CTW-0-1 - COOLING TOWER													
CW-0-1 - CIRCULATING WATER						58d													
CS0CF-1160	Backfill Circ Water Pipe Support Fdns Near STG	0d	100%	22-Oct-12 A	24-Oct-12 A	Install Cable Tray - Circ Water/Cooling Tower Area													
PIP.NEW.1190	Install 6ea Circ Water Riser Structural Steel Support at Cooling Tower	15d	0%	29-Oct-12	19-Nov-12	Install CT CWS Pipe													
CS-CTA-CWS-PPG-001	Install CT Area CWS Pipe	40d	0%	19-Nov-12	22-Jan-13	Backfill Circ Water Pipe Support Fdns Near STG													
PA-0-1 - PLANT AIR / INSTRUMENT AIR						8d													
CS-CTA-IAS-PPG-001	Install CT Area IAS and SAS Pipe	8d	0%	19-Nov-12	03-Dec-12	Install 6ea Circ Water Riser Structural Steel Support at Cooling Tower													
RW-0-1 - RAW WATER						15d													
CS-CTA-RWS-PPG-001	Install CT Area RWS Pipe	15d	0%	21-Nov-12	14-Dec-12	03-Dec-12, PA-0-1 - PLANT AIR / INSTRUMENT AIR													
SW-0-1 - SERVICE WATER						20d													
CS-CTA-SWS-PPG-001	Install CT Area SWS Pipe	20d	0%	21-Nov-12	21-Dec-12	Install CT Area IAS and SAS Pipe													
CCW-0-1 - CLOSED COOLING WATER						5d													
CS0CWQ1	SET CCW HT EXCHANGER (rough set on Fdn 5-9-12, final set remains)	5d	0%	29-Oct-12*	02-Nov-12	14-Dec-12, RW-0-1 - RAW WATER													
BVD-4-1 - BOILER VENTS AND DRAINS UNIT#4						8d													
CS-CTA-BBS-PPG-001	Install CT Area BBS Pipe	8d	0%	09-Nov-12	21-Nov-12	Install CT Area RWS Pipe													
BOP-WTR TREATMENT/AUX BOILER AREA						25d													
DWP-0-1 - DEMINERALIZED WATER PRODUCTION						10d													
CS-WTA-DMN-PPG-001	Install WT Area DMN Pipe	10d	0%	19-Nov-12	04-Dec-12	21-Dec-12, SW-0-1 - SERVICE WATER													
DWS-0-1 - DEMINERALIZED WATER STORAGE AND DISTRIBUTION						25d													
CS-STG-DMN-PPG-0011	Install Condenser Area DMN Fill Pipe	25d	0%	31-Oct-12	07-Dec-12	02-Nov-12, CCW-0-1 - CLOSED COOLING WATER													
EXISTING CONTROL ROOM AND OFFICE BLDG						16d													
DCS-0-1 - PLANT CONTROL SYSTEM						16d													
ELECSUB160	ELEC - DEMO / MODIFICATIONS - Rework Control Room and Other DCS Cabinets.	10d	90%	09-Jul-12 A	09-Nov-12	21-Nov-12, BVD-4-1 - BOILER VENTS AND DRAINS UNIT#4													
NT-3300	Install Consoles (CRT's etc) - Control Room Area	10d	0%	31-Oct-12	13-Nov-12	Install CT Area BBS Pipe													
NT-3310	Term Cables for Consoles and Cabinets - Control Room Area	4d	0%	14-Nov-12*	19-Nov-12	07-Dec-12, BOP-WTR TREATMENT/AUX BOILER AREA													
BALANCE OF PLANT MISC.						2d													
DCS-0-1 - PLANT CONTROL SYSTEM						2d													
ELECSUB170	ELEC - DEMO / MODIFICATIONS -Install DCS Engineering Work Station in Control Room	2d	0%	16-Nov-12*	19-Nov-12	04-Dec-12, DWP-0-1 - DEMINERALIZED WATER PRODUCTION													
BOP-LIGHTING						42d													
LGT-0-1 - LIGHTING						42d													
NT-2810	Install Lighting Conduit - HRSG #3 Area	5d	90%	17-Sep-12 A	07-Jan-13	07-Dec-12, DWS-0-1 - DEMINERALIZED WATER STORAGE AND DISTRIBUTION													
NT-2840	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - HRSG #2 Area	2d	50%	25-Sep-12 A	07-Dec-12	19-Nov-12, EXISTING CONTROL ROOM AND OFFICE BLDG													
NT-2850	Install Lighting Conduit - HRSG #2 Area	2d	75%	27-Sep-12 A	11-Dec-12	19-Nov-12, DCS-0-1 - PLANT CONTROL SYSTEM													
NT-2930	Install Lighting Conduit - HRSG #1 Area	2d	75%	01-Oct-12 A	17-Dec-12	ELEC - DEMO / MODIFICATIONS - Rework Control Room and Other DCS Cabinets.													
NT-2760	Install Lighting Panels, Poles, Stations, Fixtures, Lamps - Pipe Rack Area	17d	0%	05-Nov-12*	29-Nov-12	Install Consoles (CRT's etc) - Control Room Area													

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Activity ID	Activity Name	Remaining Duration	Physical % Complete	Start	Finish	November 2012					December 2012				January 2013			
						22	29	05	12	19	26	03	10	17	24	31	07	14
BOP-WASTE WTR		14d		16-Nov-12	10-Dec-12	10-Dec-12, BOP-WASTE WTR												
WW-0-1 - MAIN WASTE WATER / SUMP		14d		16-Nov-12	10-Dec-12	10-Dec-12, WW-0-1 - MAIN WASTE WATER / SUMP												
NT-WW01-01	Install Cable Tray - WWC Main	14d	0%	16-Nov-12*	10-Dec-12	Install Cable Tray - WWC Main												
BOP-PLANT AIR		4d		20-Nov-12	28-Nov-12	28-Nov-12, BOP-PLANT AIR												
PA-0-1 - PLANT AIR / INSTRUMENT AIR		4d		20-Nov-12	28-Nov-12	28-Nov-12, PA-0-1 - PLANT AIR / INSTRUMENT AIR												
CS-PR-SAS-PPG1	Install Pipe Rack SAS Pipe	4d	0%	20-Nov-12	28-Nov-12	Install Pipe Rack SAS Pipe												
BOP-STEAM WATER PANEL		30d		20-Nov-12	07-Jan-13	07-Jan-13, BOP-STEAM WATER PANEL												
SWA-0-1 - STEAM and WATER ANALYSIS		30d		20-Nov-12	07-Jan-13	07-Jan-13, SWA-0-1 - STEAM and WATER ANALYSIS												
NT-SWA01-20	Install Instrumentation - SWAArea	30d	0%	20-Nov-12	07-Jan-13	Install Instrumentation - SWAArea												
SWITCHYARD		25d		10-Sep-12 A	04-Dec-12	04-Dec-12, SWITCHYARD												
SWY-1-1 - HV SWITCHYARD		25d		10-Sep-12 A	04-Dec-12	04-Dec-12, SWY-1-1 - HV SWITCHYARD												
CS0SWY108	4500-005 SWY-0-1 INSTALL SWYD GROUND GRID	0d	80%	10-Sep-12 A	29-Oct-12	4500-005 SWY-0-1 INSTALL SWYD GROUND GRID												
CS0SWY1220	Terminate Cable at EHA-CB-005	0d	75%	27-Sep-12 A	08-Nov-12	Terminate Cable at EHA-CB-005												
CS0SWY112	4500-005 Instl Swyd Equip & Connect to Ground Grid, 4 Bays, 2ea GSU Struct	20d	80%	01-Oct-12 A	04-Dec-12	4500-005 Instl Swyd Equip & Connect to Ground Grid, 4 Bays												
CS0SWY630	Install Cables cct2	0d	50%	11-Oct-12 A	29-Oct-12	Install Cables cct2												
CS0SWY280	4500-005 Instl & Wire Relay Pnl In Existing Cntl Bldg	3d	50%	15-Oct-12 A	31-Oct-12	4500-005 Instl & Wire Relay Pnl In Existing Cntl Bldg												
CS0SWY660	Terminate PG&E	0d	50%	16-Oct-12 A	29-Oct-12	Terminate PG&E												
CS0SWY340	4500-008 Term HV Cable Feeder #2 In PG&E and LECEF Yard	3d	60%	18-Oct-12 A	31-Oct-12	4500-008 Term HV Cable Feeder #2 In PG&E and LECEF Yard												
CS0SWY930	Install Switch EHA SW-17	3d	50%	19-Oct-12 A	05-Nov-12	Install Switch EHA SW-17												
CS0SWY680	Terminate Calpine	0d	0%	20-Oct-12 A	28-Nov-12	Terminate Calpine												
CS0SWY510	Install Substation-Relays New Panel	0d	100%	22-Oct-12 A	26-Oct-12 A	Install Substation-Relays New Panel												
CS0SWY570	Term. Feeder #1 to Bus (by High Voltage Subcontractor)	6d	50%	22-Oct-12 A	02-Nov-12	Term. Feeder #1 to Bus (by High Voltage Subcontractor)												
CS0SWY880	Install Switch EHA SW-21	1d	50%	22-Oct-12 A	29-Oct-12	Install Switch EHA SW-21												
CSK218125	4500-005 Install Conduit Raceway	1d	90%	22-Oct-12 A	29-Oct-12	4500-005 Install Conduit Raceway												
CS0SWY740	Install Cables cct1	0d	100%	22-Oct-12 A	25-Oct-12 A	Install Cables cct1												
CS0SWY760	Terminate Calpine cct1	5d	50%	25-Oct-12 A	02-Nov-12	Terminate Calpine cct1												
CS0SWY750	Scaffold at Calpine cct1	0d	100%	26-Oct-12 A	26-Oct-12 A	Scaffold at Calpine cct1												
CS0SWY300	Install & Wire Meter Panels@ Existing Metering Shed	13d	0%	29-Oct-12	09-Nov-12	Install & Wire Meter Panels@ Existing Metering Shed												
CSK218115B	Install New Fence & Attach Grounding	13d	0%	29-Oct-12	09-Nov-12	Install New Fence & Attach Grounding												
CS0SWY1230	Install EHA-CB-004	4d	0%	29-Oct-12	01-Nov-12	Install EHA-CB-004												
CS0SWY1010	Install Switch EHA SW-12	4d	0%	29-Oct-12	01-Nov-12	Install Switch EHA SW-12												
CS0SWY290	4500-005 Instl & Wire/Term Relays in Existing Cntl Bldg	5d	0%	31-Oct-12	07-Nov-12	4500-005 Instl & Wire/Term Relays in Existing Cntl Bldg												
CS0SWY433	4500-005 Install Metering Units	5d	0%	31-Oct-12*	07-Nov-12	4500-005 Install Metering Units												
CS0SWY360	4500-008 Final JIT/HiPot Feeder #2	4d	0%	01-Nov-12	06-Nov-12	4500-008 Final JIT/HiPot Feeder #2												
CS0SWY1200	Install EHA-CB-005	4d	0%	01-Nov-12	06-Nov-12	Install EHA-CB-005												
CS0SWY1240	Pull Cable to EHA-CB-004	2d	0%	01-Nov-12	02-Nov-12	Pull Cable to EHA-CB-004												
CS0SWY1260	Install CCVT-L3	4d	0%	01-Nov-12	06-Nov-12	Install CCVT-L3												
CS0SWY350	4500-008 Term HV Cable Feeder #1 In PG&E yard	6d	0%	02-Nov-12	12-Nov-12	4500-008 Term HV Cable Feeder #1 In PG&E yard												
CS0SWY1250	Terminate Cable at EHA-CB-004	4d	0%	02-Nov-12	07-Nov-12	Terminate Cable at EHA-CB-004												
CS0SWY770	Scaffold at PG&E	1d	0%	03-Nov-12	03-Nov-12	Scaffold at PG&E												
CS0SWY990	Install Switch EHA SW-18	4d	0%	06-Nov-12	09-Nov-12	Install Switch EHA SW-18												
CS0SWY1170	Install EHA-CB-008	4d	0%	06-Nov-12	09-Nov-12	Install EHA-CB-008												
CS0SWY1210	Pull Cable to EHA-CB-005	2d	0%	06-Nov-12	07-Nov-12	Pull Cable to EHA-CB-005												
CS0SWY1270	Pull Cable to CCVT-L3	1d	0%	06-Nov-12	07-Nov-12	Pull Cable to CCVT-L3												
CS0SWY1280	Terminate Cable at CCVT-L3	2d	0%	07-Nov-12	08-Nov-12	Terminate Cable at CCVT-L3												
CS0SWY435	PG&E SubsPG&E Install/Make Ready and Test Meters	10d	0%	07-Nov-12	26-Nov-12	PG&E SubsPG&E Install/Make Ready and Test Meters												
CS0SWY300	4500-005 Instl & Wire Meter Pnl in Existing Metering Shed	5d	0%	07-Nov-12	14-Nov-12	4500-005 Instl & Wire Meter Pnl in Existing Metering Shed												

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CONDITION OF CERTIFICATION GEN-3

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

From: [Donald C. Wimberly](#)
To: [Keri Schwager](#)
Subject: RE: Receipt of Payment for October
Date: Tuesday, November 06, 2012 1:08:31 PM
Attachments: [image001.png](#)

Keri

AIMS Corporation has received payment for October, 2012 Delegate CBO Services

Donald C. Wimberly, P.E.
Delegate CBO
Cell: 408-930-4066

From: Keri Schwager [mailto:Keri.Schwager@calpine.com]
Sent: Tuesday, November 06, 2012 9:42 AM
To: Dwimberly@aimscorp.com
Subject: Receipt of Payment for October

Don,

Per COC GEN-3, please confirm if you have received payment from Calpine for October 2012.

Thank you,

KERI SCHWAGER

LOS ESTEROS CRITICAL ENERGY FACILITY

FIELD PROJECT ENGINEER

CALPINE CORPORATION

800 Thomas Foon Chew Way

San Jose CA 95134

Direct: (408) 635-1321

Cell: (314) 496-7290

Email: keri.schwager@calpine.com



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CONDITION OF CERTIFICATION GEN-5

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

LECEF CEC CONDITION APPROVALS GEN-5

CONDITION #	CBO-#	TITLE	NAME	DATE APPROVED	COMMENTS	AREA OF RESPONSIBILITY
GEN-5	CBO-002	Electrical - Responsible Engineer CA PE	Mayeux, Kenneth C.	3/22/2011	CH2MHill Electrical	Engineer of Record for CH produced design documents
GEN-6	CBO-002	Electrical - Responsible Engineer CA PE	Abbate, Jeffrey	7/31/2012	CH2MHill Electrical	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Civil - Responsible Engineer CA PE	Purdy, John M	3/22/2011	CH2MHill Civil	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Scacco, Mario N	3/22/2011	CH2MHill Structural Engineer replaced by Roger Peterson	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Mechanical - Responsible Engineer CA PE	Ryan, Bradley	3/22/2011	CH2MHill Mechanical (except piping)	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Engineering Geologist - Responsible Engineer CA PE	Alvarez, Leonardo	4/6/2011	Geologist	N/A
GEN-5	CBO-002	Geotechnical Engineer - Responsible Engineer CA PE	Leck, Scott	4/6/2011	Geotechnical Engineer	N/A
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Peterson, Roger	4/25/2011	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Landeros, Phillip L	6/20/2012	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Scacco, Mario N	10/2/2012	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Mechanical - Responsible Engineer CA PE	Jackson, Christopher	6/7/2011	CH2MHill Mechanical Engineer (Piping)	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Mechanical - Responsible Engineer CA PE	Hoyer, Steve	6/7/2011	CH2MHill Mechanical Engineer (Piping)	N/A
GEN-5	CBO-002	Controls Engineer - Responsible Engineer CA PE	Stolk, Michael	6/7/2011	*Information Only Controls (I & C)	N/A
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Flumm, David	3/13/2012	Cooling Tower Depot Structural Engineer	Cooling Tower
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Smith, Peter	5/30/2012	Shaw Structural Engineer	HRSG Foundations
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Rhinehart, Lester N	3/13/2012	Vogt Structural Engineer	HRSG's
GEN-5	CBO-002	Mechanical - Responsible Engineer CA PE	Robins, Phillip H	3/13/2012	Vogt Mechanical Engineer	HRSG's
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Armstrong, Rolf	3/29/2012	Providing connection design for steel fabricator	NuSteel, steel fabricator
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Riehl, Ben J.	4/4/2012	Agate Warehouse Structural Engineer	Warehouse
GEN-5	CBO-002	Architect - CA AIA	Brown, John E	4/4/2012	Agate Warehouse Architect	Warehouse
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Jay, Lawrence R	5/4/2012	GE Power & Water Structural Engineer	Water Treatment Equipment Anchors
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Webster, Cory	5/17/2012	MHI STG Enclosure Structural Engineer	STG Enclosure
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Drew, Dwight W	5/4/2012	MHI Turbine Auxiliaries Structural Engineer	STG Turbine Auxiliaries Anchors
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Krug, Douglas	7/19/2012	Switchyard Structures Structural Steel	Switchyard Structures
TSE-2	CBO-003	TSE Structural - Responsible Engineer CA PE	Scacco, Mario N	3/22/2011	CH2MHill Structural Engineer	N/A
TSE-2	CBO-003	TSE Civil - Responsible Engineer CA PE	Purdy, John M	3/22/2011	CH2MHill Civil Engineer	Engineer of Record for CH produced design documents
TSE-2	CBO-003	TSE Electrical - Responsible Engineer CA PE	Mayeux, Kenneth C.	3/22/2011	CH2MHill Electrical	N/A
TSE-2	CBO-003	TSE Mechanical - Responsible Engineer CA PE	Ryan, Bradley	3/22/2011	CH2MHill Mechanical (except piping)	Engineer of Record for CH produced design documents
TSE-2	CBO-003	TSE Structural - Responsible Engineer CA PE	Peterson, Roger	4/20/2011	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents
TSE-2	CBO-003	TSE Geotechnical Engineer - Responsible Engineer CA PE	Leck, Scott	4/20/2011	Geotechnical Engineer	N/A
TSE-2	CBO-003	TSE Electrical - Responsible Engineer CA PE	Bryne, Tim	11/30/2011	CH2MHill Electrical	Engineer of Record for CH produced design documents
TSE-2	CBO-003	Structural - Responsible Engineer CA PE	Krug, Douglas	10/23/2012	Switchyard Structures Structural Steel	Switchyard Structures
TSE-2	CBO-003	Structural - Responsible Engineer CA PE	Scacco, Mario N	10/23/2012	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents



DISPOSITION

October 2, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: GEN-5
CBO Package No: CBO-002

Review Subject: Responsible Design Engineers

Applicable Documents: All documents listed per Transmittal 07216

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



CH2MHILL

CH2M HILL
9189 South Jamaica Street
Englewood, CO 80112
Tel 303.771.0900
Fax 720.286.9250

28 September 2012

Mr. Hans Kosten
Delegate Chief Building Official
AIMS Corporation
3071 Miraloma Avenue
Anaheim, CA 92806

Re: Los Esteros Critical Energy Facility, LLC Phase 2
CEC COC GEN-5
CBO-002 Responsible Engineers CA PE's, Updated

Dear Hans:

As required in the General Conditions (GEN-5) of the California Energy Commission (CEC) in the Commission Decision, the Project Owner shall assign California registered engineers to the project.

CH2M HILL is pleased to submit for your review and approval the following individual for the named position who will be responsible for the responsibilities defined in GEN-5 for the named positions. This is a change from a previous submittal, a replacement engineer for the assigned position. Mr. Landeros will be leaving the company and Mr. Scacco will assume the responsibilities for the assigned position, including the overall statement at the end of project design indicating design conformance with the LORS. The assigned individual has extensive experience and is practiced in the functions and duties in the specific area of discipline responsibility and has also been directly involved with various designs for this project. Mr. Scacco was the initial structural engineer for the project and has previously been approved by the CBO for this role and responsibility. This change is requested to be effective on October 3, 2012.

Positions, as defined in CEC COC GEN-5:

D. Structural Engineer/Civil Engineer – Mario Scacco, PE

If you have any questions, I can be reached at 720-286-1798 or at jeffrey.hologa@ch2m.com.

Sincerely,

Jeffrey D. Hologa, PE
Project Engineer
CH2M HILL ENGINEERS, INC.

cc: Bob Forsthoffer
Randal Rose
Phil Knox

Jack Stone (Calpine)

Mario N Scacco, PE

Structural Engineer

Phone: 720-286-5439

Email: Mario.Scacco@ch2m.com

Education

B.S., Civil Engineering, Case Western Reserve University

Professional Credentials

- Professional Engineer: Colorado, California, Utah, Ohio, Nevada, Oregon

Distinguishing Qualifications

- Experience designing a 14 story (about 200 feet) mining process building and power projects with boiler structures which are over 300 feet in height, and involve high seismic areas.
- Over 30 years experience in civil, structural, and architectural engineering, structural design, and construction management including structural steel and concrete foundations for heavy industrial, commercial and institutional projects.
- Experience includes bulk material handling equipment such as belt conveyors, bulk storage bins and silos, vibrating screens and feeders, and process vessels. Extensive design experience involving all foundation types, including piles, caissons, and vibration analysis. Industries served include power generation, mining and petroleum.
- Knowledge of structural analysis and design software including GT-STRUDL, STAAD, PCA-Mats, SAFE, Founds, and Stardyne.
- Civil design and engineering expertise includes road, railroad and pipeline layout and design, site drainage design and finish grading for power generation facilities, switchyards, substations, and mining sites in mountainous regions.

Selected Experience

NV ENERGY CLARK PEAKER PROJECT - Henderson, Nevada

Lead Engineer responsible for all civil and structural work on this 600 MW Natural Gas Fired Peaking power station. Complete EPC project using 12-Pratt & Whitney FT8-3 Swift-Pac gas turbines and associated BOP equipment.

NV ENERGY TRACY COMBINED CYCLE POWER PROJECT - Reno, Nevada

Civil/Structural Engineer responsible for all civil/structural engineering work on the project, which included field inspection. Featuring 2 GE 7FA gas combustion turbines, 2 Nooter-Ericksen heat recovery steam generators (HRSG), and a GE D-11 steam turbine. Complete EPC 550 MW Natural Gas Fired Combined Cycle power station project.

NV ENERGY NORTH VALMY STATION UNIT 2 - North Central, Nevada

Civil/Structural Engineer, the project included the design/engineering for a two unit 500 MW coal-fired power plant located in north-central Nevada. The work included preparation of design criteria, specifications, schedules and reports; review of calculations and drawings; supervision of engineers, designers and drafters; evaluating proposals and administering contracts worth up to \$12 million.

Mario N Scacco, PE (continued)

TURLOCK IRRIGATION DISTRICT - Turlock, California

Civil/Structural Engineer, Walnut Energy Center Project, 250 MW Natural Gas Fired Combined Cycle power station, featuring 2 GE 7EA gas combustion turbines, 3 heat recovery steam generators (HRSG), and a 100 MW steam turbine. Responsible for civil/structural engineering review of the project, which involved Chief Building Official (CBO) and Owner's Engineer (OE) review of design criteria, specifications, calculations, drawings and schedules.

CITY OF CORONA CLEARWATER COGEN PROJECT - Corona, California

Lead Civil/Structural Engineer, 30 MW Natural Gas Fired Combined Cycle power station, featuring 1 GE LM2500 gas combustion turbine, 1 HRSG from Rentech, and 1 Shin-Nippon steam turbine. Responsible lead civil/structural engineer on the project, which involved preparation of design criteria, specifications, calculations, and schedules; review of calculations and drawings; supervision of engineers, designers, and drafters; and evaluation of proposals.

CITY OF PAYSON PAYSON POWER PROJECT - Payton, Utah

Civil/Structural Engineer, 140 MW Natural Gas Fired Combustion Turbine power station, featuring 1-GE 7EA gas turbine and 1-GE steam turbine. Assisted in the preparation of design calculations, drawings, and review of contract documents for the detailed engineering phase of the project.

PG&E NATIONAL ENERGY GROUP

Lead Civil/Structural Engineer, GE 7FB Reference Plant, 550 MW Gas Fired Combustion Turbine power station. Responsible lead civil/structural engineer on the project, which involved preparation of design criteria, specifications, calculations, and schedules; review of calculations and drawings; supervision of engineers, designers, and drafters; and evaluation of proposals.

PG&E NATIONAL ENERGY GROUP UMATILLA/MEADOW VALLEY PROJECTS

Civil/Structural Engineer, Gas Fired Combustion Turbine power plants - preliminary permitting efforts.

Geothermal Power Projects

FREEPORT GEOTHERMAL - Northern, California

Civil/Structural Engineer, Bear Canyon Geothermal Plant, a 30 MW power station located in The Geysers region of northern California.

UNOCAL CORPORATION SALTON SEA UNIT 2 GEOTHERMAL PROJECT

Civil/Structural Engineer, the project includes design/engineering for the 50 MW power plant and brine processing facilities. The civil work includes steel design for the powerhouse, piperacks and equipment supports and concrete foundation design for a Fuji turbine-generator, process equipment, buildings and other steel structures. Precast, pre-stressed concrete piles were used to support heavy equipment and structures.

Nuclear Power Projects

OMAHA PUBLIC POWER DISTRICT- Nebraska

Civil/Structural Engineer, Fort Calhoun Nuclear Station, this project involved an addition to the Security Building with bullet-proof design and intrusion detection protection.

Mario N Scacco, PE (continued)

FOSSIL-FUELED POWER PROJECTS - Hardin, Montana

Civil/Structural Engineer, Hardin Generation Project, 145 MW coal-fired power plant, responsible for steel and concrete foundation design.

NORTHERN STATES POWER COMPANY - Minnesota

Civil/Structural Engineer, Black Dog Power Stations, retrofit of fluidized bed to existing 100 MW coal-fired generating station in Minnesota. The work involved preparation of design calculations for large flue gas ductwork and support framing.

NORTHERN STATES POWER COMPANY

Civil/Structural Engineer, Riverside Generating Plant, Units 6 & 7. The project included modifications to two existing boilers, a new turbine generator and foundation, and associated structural modifications. The work included preparation of design criteria, specifications, calculations, and schedules; review of calculations and drawings; supervision of engineers, designers, and drafters; and evaluation of proposals.

PUBLIC SERVICE COMPANY PAWNEE UNIT 2/SOUTHEAST - Brush, Colorado

Civil/Structural Engineer, the first project was a second 500-MW unit at the Pawnee station. The second project was a 500 MW coal-fired electric power generating station, to be located in Las Animas County in southeast Colorado. The work included deep foundation design involving drilled piers and reactive soil condition, heavy reinforced concrete mat foundations, large boiler superstructure design.

Transmission and Distribution Projects

HOLY CROSS ENERGY SNOWMASS SUBSTATION - Aspen, Colorado

Civil/Structural Engineer provided structural engineering for this 115/125 kv, 50-megavolt-ampere (MVA) GIS substation. CH2M HILL is the engineering partner on a design-build team being led by the equipment supplier, Areva T&D. The new substation is being installed in Aspen, Colorado, and includes innovative architectural design to blend in with existing themes in this mountain community.

CONDITION OF CERTIFICATION GEN-6

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

Special Inspectors												
No.	Company	Name	CBO Status	Soil Inspection	Concrete Testing	Reinforced Concrete	Structural Steel Bolting	Structural Steel Welding	Spray Applied Fireproofing	Pre-stressed Concrete	Structural Masonry	Drilled-in Hilti anchor bolts
California Building Code Section				1707.7	1704.4	1704.4						
1	CMT	Gary Klopson	Approved	YES	YES	YES	YES	YES	NO	NO	NO	YES
2	Signet	Cesar Ramirez	Approved	NO	YES	NO	NO	YES	NO	NO	NO	NO
3	Signet	Dennis Haney	Approved	YES	YES	NO	NO	NO	NO	NO	NO	NO
4	Signet	Jeff Flint	Approved	YES	YES	YES	YES	YES	NO	NO	YES	NO
5	Signet	Michael Bell	Approved	YES	YES	NO	NO	NO	YES	NO	NO	NO
6	Signet	Robert Bigford	Approved	NO	YES	YES	NO	NO	NO	NO	NO	NO
7	Signet	Howard Chippero	Approved	NO	YES	NO	NO	NO	NO	NO	NO	NO
8	Signet	Ken Dominguez	Approved	NO	YES	YES	NO	NO	NO	YES	NO	NO
9	CMT	Denise Corkill	Approved	YES	YES	YES	NO	NO	NO	NO	NO	NO
10	CMT	Sean Fuller	Approved	YES	NO	NO	NO	NO	NO	NO	NO	YES
11	CMT	Mark Hopkins	Approved	YES	NO	NO	NO	NO	NO	NO	NO	YES
12	CMT	David Knight	Approved	YES	YES	YES	YES	YES	NO	NO	YES	YES
13	CMT	Ted Shoecraft	Approved	NO	NO	NO	YES	YES	NO	NO	NO	NO
14	Signet	Jeff McPeek	Approved	NO	NO	NO	YES	YES	NO	NO	NO	NO
15	Signet	Chris Perrin	Approved	NO	NO	NO	YES	YES	NO	NO	NO	NO
16	Signet	John Oliveira	Approved	NO	NO	NO	YES	YES	NO	NO	NO	NO
17	CMT	Art Farnsworth	Approved	NO	YES	YES	NO	NO	NO	YES	YES	YES
18	CMT	Tim Klopson	Approved	YES (Pending)	YES (Pending)	YES (Pending)	YES	YES (Pending)	NO	NO	YES	YES
19	CMT	Mark Eres	Approved	NO	YES	YES	YES	YES	YES	NO	YES	NO
20	CMT	Aristeo Grandados	Approved	NO	NO	NO	NO	YES	NO	NO	NO	YES
	CMT	James Allen	Approved	YES	YES	YES	NO	YES	NO	YES	YES	NO
NOTES												
These are activities that are Special Inspections that will take place in 2012 and early 2013. This document will be completed for the remainder of the project and submitted for review well in advance of the remainder of project work being begun.												
Indicates requested Approval												

Approved 10/16/12
Jeff Barton
Resident Engineer



DISPOSITION

October 24, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: GEN-6
CBO Package No: CBO-052

Review Subject: Special Inspectors

Applicable Documents: All documents listed per Transmittal 07598

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION CIVIL-1

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**



DISPOSITION

October 24, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: CIVIL-1
CBO Package No: CBO-101

Review Subject: Geotechnical Investigation Report

Applicable Documents: All documents listed per Transmittal 07619

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: CIVIL-1
CBO Package No: CBO-102

Review Subject: Drainage and Grading

Applicable Documents: All drawings listed per Transmittal 07493

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION CIVIL-3

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

LG CONSTRUCTORS
LOS ESTEROS CRITICAL ENERGY FACILITY PHASE II NON-CONFORMANCE LOG

Contractor/ Supplier	NCR No.	Drawing No.	Location	Date Generated	Description	NCR Type	Date to Engineering	Date Answered	Date Comp	Date Closed
Overaa/Duran & Venables	1	LE-GEN-DE-P9-0001 sht 1 R/0	Phase II utility reroute	6/13/11	Damage to Instrument Air Line AGANA006	Repair	6/13/11	6/13/11	9/24/11	9/24/11
Overaa/Duran & Venables	2	LE-GEN-DE-P9-0001 sht 1 R/0	Phase II utility reroute	6/14/11	Damage to Firewater Line 10"P3GFP005	Accept As Is / Replace	6/20/11	6/20/11	10/18/11	11/10/11
LG Constructors	3	LGC Quality Manual	Cooling Tower	6/21/11	Hold Point not signed off Concrete additional of fibers not in mix	Rework	6/21/11	6/21/11	6/23/11	6/24/11
Hanson & Harder Mechanical	4	CH2M HILL spec 402319.01 and Hanson Drawing	Circulating Water	6/22/11	Leak at metal to Concrete interface 4th to 5th MK43 on South Line Base metal gouge 3rd to 4th MK43 On South Line	Repair / Accept As Is	6/22/11	6/27/11	9/2/11	11/10/11
Overaa	5	CH2M Hill spec 033000 and drawing LE-CTW- DE-S7-0160sec. A	Cooling Tower Wall Placement	7/26/11	Concrete Construction joint not roughened as per specification	Accept As Is	7/27/11	7/27/11	8/3/11	8/8/11
Harder Mechanical	6	Hanson Drawings 110090-DR03 and 110090-LD01	Circulating Water interior grout joints at welds 2, 3, 5 & 6	7/27/11	Circulating water piping interior joints not pre soaked for time as required per manufacturers instructions	Rework	8/1/11	8/1/11	11/10/11	11/10/11
Hanson	7	CH2M Hill Specification 40231901 Section 1.3.A	Circulating Water	8/2/11	48" and smaller Circulating Water pipe designed and supplied with exterior welds not interior as required by specification	Rework	8/2/11	8/23/11	10/6/11	10/6/11
Overaa	8	CH2M Hill Specification 033000 Rev.2 And ACI 309R	Cooling Tower Wall Placement	8/5/11	Concrete wall placement has honeycomb at base of wall to floor slab at various locations	Rework	8/5/11	8/12/11	9/30/11	9/30/11
Harder Mechanical	9	Harder Welding Procedures	Circulating Water pipe welds #21 and 22	8/10/11	Contract requires that prior to start of welding. Welding Procedures require review and approval LGC and Calpine	Rework	8/10/11	8/10/11	8/10/11	8/10/11
Harder Mechanical	10	Harder Welding Procedures	Circulating Water pipe welds #18, 19, 20 and 74	8/11/11	Contract requires that prior to start of welding. Welding Procedures require review and approval LGC and Calpine	Rework	8/11/11	8/11/11	8/11/11	8/11/11
Overaa/Central Concrete	11	CH2M Hill Specification 033000	STG Foundation	9/10/11	Concrete placed in STG foundation with 7-1/2 slump which exceeds maximum allowed by specification	Accept As Is	9/12/11	9/13/11	10/5/11	11/10/11
Hanson	12	CH2M HILL spec 402319.01 and Hanson Drawing	Circulating Water	10/27/11	Leak at metal to Concrete interface S-36 to Mk80 on North 48" Line	Repair	10/28/11	10/31/11	11/11/11	11/30/11

LG CONSTRUCTORS
LOS ESTEROS CRITICAL ENERGY FACILITY PHASE II NON-CONFORMANCE LOG

Contractor/ Supplier	NCR No.	Drawing No.	Location	Date Generated	Description	NCR Type	Date to Engineering	Date Answered	Date Comp	Date Closed
Calpine Generated/ Cooling Tower Depot	13	Cooling Tower Depot A- 120 Sht 2 R/4	Cooling Tower	11/9/11	Anchor Bolt Installation in cooling tower not per drawing, no special Inspector inspection. Random sample of anchor bolts to be pull tested.	Accept As Is	11/10/11	11/10/11	11/14/11	12/5/11
Harder Mechanical	14	SSW	SSW	11/10/11	Backfill without owners approval	Accept As Is	N/A	N/A	11/10/11	11/10/11
Calpine Generated/ Cooling Tower Depot	15	CTD	Cooling tower basin		CTD rebar conflicting with anchor bolt locations. Engineering review.	Accept As Is	N/A	N/A	12/5/11	12/7/11
Overaa	16	BFW Pump Foundation #3	HRSG #3	1/23/12	Concrete placed without freeze protection	Take core samples	1/23/12	1/24/12	7/2/12	7/9/12
NADC	17	04051772A	HRSG #3	2.3.12	Existing areas of SCR were cut that should have been trimmed and saved.	repair	Superceded by NCR 26			7/30/12
Overaa	18	LE-GEN-DE-S5-0285 Sht. 1 Rev. 3	Cooling water exchanger	2/23/12	Anchor bolt off center by 12"	rework	2/27/12	2/27/12	5/1/12	5/2/12
Overaa	19	LE-GEN-DE-S5-0290 Sht.2 Rev. 2	Hazardous Materials Storage	3/14/12	Bollard concrete placed without pour card	remove and rework	3/14/12	3/22/12	4/2/12	4/3/12
Harder Mechanical	20	V17455-ERND-020	HRSG Inlet Duct Columns	3/16/12	Welding without presence of Special Inspector	Inspect accept as is	4/5/12	4/11/12	4/12/12	4/12/12
Harder Mechanical	21	V17456-DWND-001-01	HRSG Inlet Duct B-C section	3/19/12	Harder NCR H-028 - Welding vertical down with E7018	rework	3/22/12	3/22/12	4/30/12	4/30/12
Overaa	22		Lube Oil Pad and STG Crane Mat	3/22/12	Wrong mix design for mudmat		3/22/12	3/22/12	3/27/12	3/27/12
NuSteel	23	LE-GEN-DE-S0-0010 Sht. 2 Rev. 1	Fabricated Structural Steel, Phase 1	4/4/12	Welding without presence of Special Inspector	inspect. Repair if required.	4/4/12	4/11/12	4/30/12	5/9/12
NADC	24		HRSG #3	4/4/12	Holes in CSR beams	repair	4/9/12	4/18/12		
Harder Mechanical	25	V17456-DWXD-504-00	HRSG #2	4/9/12	Harder NCR H-027 Bent beam	replace	4/9/12	4/9/12	4/30/12	5/1/12
NADC	26	Deltak DWG 04051772 Sht. 6 of 29	HRSG #3	4/9/12	Duct F cut in wrong location	repair	4/9/12	4/9/12	10/16/12	10/18/12
LG Constructors	27	LGC Quality Manual	Sample and Analysis Enclosure	5/9/12	Placement of mudmat w/o signed backfill checklist		5/11/12	5/14/12	5/14/12	5/14/12

LG CONSTRUCTORS
LOS ESTEROS CRITICAL ENERGY FACILITY PHASE II NON-CONFORMANCE LOG

Contractor/ Supplier	NCR No.	Drawing No.	Location	Date Generated	Description	NCR Type	Date to Engineering	Date Answered	Date Comp	Date Closed
Harder Mechanical	28	Calpine Spec. 15060	HRSG#3 Cold Reheat Inlet piping	5/9/12	Filler metal not in compliance with specification	accept as is	5/11/12	5/12/12		9/28/12
UE Compression	29		Gas Compressor Skid	5/15/12	Numerous quality issues	rework	5/16/12	5/16/12	6/16/12	6/29/12
Harder Mechanical	30	Calpine Spec. 15060 and LG Spec 485868	HRSG small bore piping	5/23/12	Filler metal not in compliance with specification	remove and rework	5/23/12	5/23/12	6/8/12	6/25/12
NuSteel	31	LE-GEN-DE-S2-0450 Sht. 12	Pipe Rack Structural Steel	5/29/12	Holes drilled on wrong side of columns	rework	5/29/12		9/24/12	9/28/12
G2	32		PDC foundation column embeds	6/1/12	Studs on embed plates not fully fused	rework	6/1/12	6/1/12	6/7/12	6/19/12
Vogt	33	V17456-PIND-080 Rev. 3	RHTR Attenuator	6/4/12	Defects in piping	rework	6/4/12	6/8/12	6/15/12	6/25/12
Vogt	34	V17456-PIND-081 Rev.06	RHTR Outlet	6/12/12	Defects in piping	rework	6/12/12	6/12/12	9/17/12	10/3/12
Vogt	35	V17456-PIND-067 Rev. 02	HP Attenuator	6/12/12	Defects in piping	rework	6/12/12	6/12/12	9/17/12	10/3/12
Vogt	36	V17456-PIND-080 Rev. 3	RHTR Attenuator	6/12/12	Defects in piping	rework	6/12/12	6/12/12	9/17/12	10/3/12
Overaa	37		Existing piperack piers	6/20/12	Bushed out corners of wrong piers	rework	6/20/12	6/20/12	9/12/12	9/28/12
Overaa	38	LE-STG-DE-S5-0190 Sht. 12 Rev. 1	Condensate sump cans	6/26/12	Low cylinder breaks		6/26/12	6/26/12	6/28/12	6/28/12
CH Murphy	39	PO 2200-006	Ammonia tank	6/29/12	Welding defects, testing issues	rework and retest	6/29/12	7/9/12	9/13/12	9/28/12
Overaa	40	LE-GSU-DE-S5-0240 Sht. 1 Rev. 3	GSU foundation	7/3/12	Embed plates low and not level	repair	7/3/12	7/3/12	7/20/12	7/23/12
NuSteel	41	Nusteel DWG 408	Piperack steel sequence #4	7/5/12	Defective welding	repair	7/5/12			
UE Compression	42		Gas Compressor Skid	7/16/12	Numerous quality issues on drain pans, conduit, and instrumentation	rework	7/16/12			
NuSteel	43	Nusteel DWG 405	Piperack	7/17/12	Diagonals fabricated short	replace	7/17/12	7/18/12	9/25/12	9/28/12
Eaton	44	Eaton DWG 11-93	PDC #5	7/18/12	Halves do not fit together to form a tight seal	rework	7/18/12			
Harder Mechanical	45	LE-GEN-DE-P4-0011	HRSG #4	8/8/12	Backfill without owners/CBO approval	Accept as is	8/14/12	8/14/12		
APD/Newtron	46	LE-GEN-DE-E3-7201 Sht. 2 Rev. 2	PG&E Switchyard	8/8/12	Concrete and test cylinders not per specification	Core samples	8/9/12	8/16/12	8/17/12	8/17/12
Dis-Tran	47		Calpine switchyard	8/16/12	Undersized welds	Rework	8/16/12	8/17/12	9/13/12	9/28/12
Harder Mechanical	48	CBC Chapter 17	HRSG #3	8/16/12	Installed Hilti anchor bolts w/o notification to special inspector	Torque test bolts	8/27/12			
Powell/Delta	49		IsoPhase	8/16/12	Weld defects on support steel	Rework	8/17/12	8/20/12	9/13/12	9/28/12

CONDITION OF CERTIFICATION STRUC-1

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**



DISPOSITION

October 25, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-206

Review Subject: Standard Notes and Details (Red Line Drawing)

Applicable Documents: All documents listed per Transmittal 07593

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 4, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-214

Review Subject: GSU Foundation Design, Drawings and Calculations

Applicable Documents: All documents listed per Transmittal 07252

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 9, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-217

Review Subject: DCN-098 Misc Foundations (Trans 07225)

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com.

Sincerely,

Don Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 11, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-217

Review Subject: DCN-099 and DCN-101 Misc Foundations (Trans 07396)

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com.

Sincerely,

Don Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 4, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-217

Review Subject: Misc Foundations

Applicable Documents: All documents listed per Transmittal 07253

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-217

Review Subject: Misc Foundations

Applicable Documents: All documents listed per Transmittal 07304

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-217

Review Subject: Misc Foundations

Applicable Documents: All documents listed per Transmittal 07407

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-238

Review Subject: DCN-102 Sample and Analysis Enclosure Fdn (Trans 07436)

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com.

Sincerely,

Don Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 11, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-239

Review Subject: Lube Oil Containment Foundation

Applicable Documents: All documents listed per Transmittal 07373

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 25, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-242

Review Subject: Cycle Chemical Feed System Foundations and Containment
(Red Line Drawing)

Applicable Documents: All drawings listed per Transmittal 07576

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-250

Review Subject: New Pipe Rack Steel

Applicable Documents: All documents listed per Transmittal 07412

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-251

Review Subject: DCN-100 and DCN-103 Existing Pipe Rack Steel
(Transmittals 07429 and 07469)

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com.

Sincerely,

Don Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 11, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-251

Review Subject: Existing Pipe Rack Steel

Applicable Documents: All drawings listed per Transmittal 07403

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 17, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-257

Review Subject: Magnetic Particle and Ultrasonic Test Reports

Applicable Documents: All documents listed per Transmittal 07502

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 18, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-257

Review Subject: Structural Steel Fabricator Calculations
(Stuc Steel Repair – Moment Connections)
(RDE Weld Check Submittal #5)

Applicable Documents: All documents listed per Transmittals 07319, 07364, 07528

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 24, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-257

Review Subject: Structural Steel Fabricator Calculations

Applicable Documents: All documents listed per Transmittal 07507

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 31, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-257

Review Subject: Structural Steel Fabricator Calculations

Applicable Documents: All documents listed per Transmittal 07793

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 31, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-269

Review Subject: Sunshade Structures

Applicable Documents: All documents listed per Transmittal 07670

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 4, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-270

Review Subject: Structural Steel Fabrication (MSS) – Special Inspector

Applicable Documents: All documents listed per Transmittal 07281

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 17, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: STRUC-1
CBO Package No: CBO-800

Review Subject: Warehouse

Applicable Documents: All documents listed per Transmittal 07466

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION STRUC-3

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

CONDITION OF CERTIFICATION STRUC-4

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

CONDITION OF CERTIFICATION MECH-1

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

MECH-1

Per the requirements of *MECH-1*, a statement will be provided by the engineer of record that the plans, specifications, and calculations have been prepared in compliance with applicable LORS. It is currently planned for this statement to be issued upon completion of the design and CBO review process and upon addressing field construction changes which require the approval by the engineer of record. Therefore, this record will be provided in a future Monthly Compliance Report consistent with the design and construction activities.



DISPOSITION

October 31, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-304

Review Subject: UG Piping

Applicable Documents: All drawings listed per Transmittal 07759

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-311

Review Subject: Piping Items

Applicable Documents: All documents listed per Transmittal 07447

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 2, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-313

Review Subject: Mechanical Equipment List

Applicable Documents: All documents per Transmittal 07231

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-315

Review Subject: Aboveground Piping

Applicable Documents: All drawings listed per Transmittals 07291, 07456, 07461

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 17, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-315

Review Subject: Aboveground Piping

Applicable Documents: All drawings listed per Transmittals 07077 and 07102

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 23, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-315

Review Subject: Aboveground Piping

Applicable Documents: All drawings listed per Transmittal 07332

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 31, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-317

Review Subject: Pipe Supports

Applicable Documents: All documents listed per Transmittal 07534

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 9, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-375

Review Subject: Flowserve Final Test Documentation

Applicable Documents: All documents listed per Transmittal 07132

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 2, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-1
CBO Package No: CBO-380

Review Subject: PFA Electric Boiler

Applicable Documents: All documents listed per Transmittal 06709

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION MECH-2

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

Los Esteros Mechanical Equipment
PFA Spread Sheet

LECEF - PRE FABRICATED ASSEMBLIES

Item	Description	PFA Title / ASME / NO	Supplier or Manufacturer	Location	Point of Contact	Telephone #	CEC COND OF CERT	CBO #	DISPOSITION APPROVED	CERTIFICATE of COMPLIANCE Received	Start of Fabrication	Delivery Date	CBO Shop Visit	Next Site Visit Date or None	Final CBO Inspection Completed	CBO Comments	Equipment Number *
3	HRSG #1 Blowdown Tank	ASME	CH Murphy/Clark Ullman	Portland, OR	Hal Pierson	503.285.5033	MECH-2	CBO-387	10/04/12 07145	N/A	3/5/2012		None	NONE	YES	DELIVERY DATE	1-01-BBS-TK-101
3	HRSG #2 Blowdown Tank	ASME	CH Murphy/Clark Ullman	Portland, OR	Hal Pierson	503.285.5033					3/5/2012		None	NONE	YES	DELIVERY DATE	1-02-BBS-TK-201
3	HRSG #3 Blowdown Tank	ASME	CH Murphy/Clark Ullman	Portland, OR	Hal Pierson	503.285.5033					3/5/2012		None	NONE	YES	DELIVERY DATE	1-03-BBS-TK-301
3	HRSG #4 Blowdown Tank	ASME	CH Murphy/Clark Ullman	Portland, OR	Hal Pierson	503.285.5033					3/5/2012		None	NONE	YES	DELIVERY DATE	1-04-BBS-TK-401
9	Equipment Cooling Water Heat Exchanger B	ASME	Alfa Laval c/o Flowquip	Richmand, VA	Jason Gunnoe	804.236.1289	MECH-2	CBO-387	5/17/2012 03721	N/A	3/19/2012		No	NONE	YES	03721 / 05/02/12	010-ACW-HX-002
12	Duct Burner Fuel Gas Filter/Separator Skid	ASME	Peerless	Ablene, TX	Nick McCulloch	972.559.6322	MECH-2	CBO-387	5/30/2012 03893	N/A	12/29/2011		No	NONE	YES	03893 / 05/10/12	010-FGS-SK-004
18	Steam Drains Tank	ASME	CH Murphy/Clark Ullman	Portland, OR	Hal Pierson	503.285.5033	MECH-2	CBO-387	10/19/12 07240	N/A	3/19/2012		No	NONE			1-05-SDN-TK-501
43	Flesh Tanks	ASME	VOGT / Unimit	Thailand			MECH-2	CBO-387	6/19/2012 04630	N/A	7/20/2011		IQC	NONE	YES	Complete 6/19	CALPINE SUPPLIED
44	IP Steam Drums Units 1, 2, 3, 4	ASME	VOGT / Unimit	Thailand			MECH-2	CBO-387	8/22/12 5969	N/A	1/18/2011		IQC	NONE	YES	Complete 8/22	CALPINE SUPPLIED
45	HP Steam Drums Units 1, 2, 3, 4	ASME	VOGT / Unimit	Thailand			MECH-2	CBO-387	8/22/12 5970	N/A	3/15/2011		IQC	NONE	YES	Complete 8/22	CALPINE SUPPLIED



DISPOSITION

October 4, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-2
CBO Package No: CBO-387

Review Subject: ASME/PFA Documentation

Applicable Documents: All documents listed per Transmittal 07145

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 9, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: MECH-2
CBO Package No: CBO-387

Review Subject: ASME/PFA Documentation – Steam Drains Trank

Applicable Documents: All documents listed per Transmittal 07240

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION ELEC-1

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

ELEC-1

Per the requirements of *ELEC-1*, a statement will be provided by the engineer of record that the plans, specifications, and calculations have been prepared in compliance with applicable LORS. It is currently planned for this statement to be issued upon completion of the design and CBO review process and upon addressing field construction changes which require the approval by the engineer of record. Therefore, this record will be provided in a future Monthly Compliance Report consistent with the design and construction activities.



DISPOSITION

October 4, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: ELEC-1
CBO Package No: CBO-402

Review Subject: Lighting Plans, Notes and Details

Applicable Documents: All drawings listed per Transmittal 07246

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 11, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: ELEC-1
CBO Package No: CBO-451

Review Subject: UG Duct Banks

Applicable Documents: All drawings listed per Transmittal 07355

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 11, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: ELEC-1
CBO Package No: CBO-454

Review Subject: Cable Tray

Applicable Documents: All drawings listed per Transmittal 07369

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: ELEC-1
CBO Package No: CBO-950

Review Subject: Construction Power

Applicable Documents: All drawings listed per Transmittal 07478

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION TSE-1

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

TSE-1

Per the requirements of *TSE-1*, the project owner shall provide schedule updates in the Monthly Compliance Report.

A project schedule is provided GEN-2.

CONDITION OF CERTIFICATION TSE-2

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

LECEF CEC CONDITION APPROVALS GEN-5

CONDITION #	CBO-#	TITLE	NAME	DATE APPROVED	COMMENTS	AREA OF RESPONSIBILITY
GEN-5	CBO-002	Electrical - Responsible Engineer CA PE	Mayeux, Kenneth C.	3/22/2011	CH2MHill Electrical	Engineer of Record for CH produced design documents
GEN-6	CBO-002	Electrical - Responsible Engineer CA PE	Abbate, Jeffrey	7/31/2012	CH2MHill Electrical	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Civil - Responsible Engineer CA PE	Purdy, John M	3/22/2011	CH2MHill Civil	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Scacco, Mario N	3/22/2011	CH2MHill Structural Engineer replaced by Roger Peterson	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Mechanical - Responsible Engineer CA PE	Ryan, Bradley	3/22/2011	CH2MHill Mechanical (except piping)	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Engineering Geologist - Responsible Engineer CA PE	Alvarez, Leonardo	4/6/2011	Geologist	N/A
GEN-5	CBO-002	Geotechnical Engineer - Responsible Engineer CA PE	Leck, Scott	4/6/2011	Geotechnical Engineer	N/A
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Peterson, Roger	4/25/2011	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Landeros, Phillip L	6/20/2012	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Scacco, Mario N	10/2/2012	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Mechanical - Responsible Engineer CA PE	Jackson, Christopher	6/7/2011	CH2MHill Mechanical Engineer (Piping)	Engineer of Record for CH produced design documents
GEN-5	CBO-002	Mechanical - Responsible Engineer CA PE	Hoyer, Steve	6/7/2011	CH2MHill Mechanical Engineer (Piping)	N/A
GEN-5	CBO-002	Controls Engineer - Responsible Engineer CA PE	Stolk, Michael	6/7/2011	*Information Only Controls (I & C)	N/A
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Flumm, David	3/13/2012	Cooling Tower Depot Structural Engineer	Cooling Tower
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Smith, Peter	5/30/2012	Shaw Structural Engineer	HRSG Foundations
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Rhinehart, Lester N	3/13/2012	Vogt Structural Engineer	HRSG's
GEN-5	CBO-002	Mechanical - Responsible Engineer CA PE	Robins, Phillip H	3/13/2012	Vogt Mechanical Engineer	HRSG's
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Armstrong, Rolf	3/29/2012	Providing connection design for steel fabricator	NuSteel, steel fabricator
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Riehl, Ben J.	4/4/2012	Agate Warehouse Structural Engineer	Warehouse
GEN-5	CBO-002	Architect - CA AIA	Brown, John E	4/4/2012	Agate Warehouse Architect	Warehouse
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Jay, Lawrence R	5/4/2012	GE Power & Water Structural Engineer	Water Treatment Equipment Anchors
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Webster, Cory	5/17/2012	MHI STG Enclosure Structural Engineer	STG Enclosure
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Drew, Dwight W	5/4/2012	MHI Turbine Auxiliaries Structural Engineer	STG Turbine Auxiliaries Anchors
GEN-5	CBO-002	Structural - Responsible Engineer CA PE	Krug, Douglas	7/19/2012	Switchyard Structures Structural Steel	Switchyard Structures
TSE-2	CBO-003	TSE Structural - Responsible Engineer CA PE	Scacco, Mario N	3/22/2011	CH2MHill Structural Engineer	N/A
TSE-2	CBO-003	TSE Civil - Responsible Engineer CA PE	Purdy, John M	3/22/2011	CH2MHill Civil Engineer	Engineer of Record for CH produced design documents
TSE-2	CBO-003	TSE Electrical - Responsible Engineer CA PE	Mayeux, Kenneth C.	3/22/2011	CH2MHill Electrical	N/A
TSE-2	CBO-003	TSE Mechanical - Responsible Engineer CA PE	Ryan, Bradley	3/22/2011	CH2MHill Mechanical (except piping)	Engineer of Record for CH produced design documents
TSE-2	CBO-003	TSE Structural - Responsible Engineer CA PE	Peterson, Roger	4/20/2011	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents
TSE-2	CBO-003	TSE Geotechnical Engineer - Responsible Engineer CA PE	Leck, Scott	4/20/2011	Geotechnical Engineer	N/A
TSE-2	CBO-003	TSE Electrical - Responsible Engineer CA PE	Bryne, Tim	11/30/2011	CH2MHill Electrical	Engineer of Record for CH produced design documents
TSE-2	CBO-003	Structural - Responsible Engineer CA PE	Krug, Douglas	10/23/2012	Switchyard Structures Structural Steel	Switchyard Structures
TSE-2	CBO-003	Structural - Responsible Engineer CA PE	Scacco, Mario N	10/23/2012	CH2MHill Structural Engineer	Engineer of Record for CH produced design documents



DISPOSITION

October 16, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: TSE-2
CBO Package No: CBO-003

Review Subject: TSE Responsible Engineers

Applicable Documents: All documents listed per Transmittal 07505

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 23, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: TSE-2
CBO Package No: CBO-003

Review Subject: TSE Responsible Engineers

Applicable Documents: All documents listed per Transmittal 07550

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



CH2MHILL

CH2M HILL
9189 South Jamaica Street
Englewood, CO 80112
Tel 303.771.0900
Fax 720.286.9250

15 October 2012

Mr. Hans Kosten
Delegate Chief Building Official
AIMS Corporation
3071 Miraloma Avenue
Anaheim, CA 92806

Re: Los Esteros Critical Energy Facility, LLC Phase 2
CEC COC TSE-2
CBO-003 TSE Responsible Engineers CA PE's

Dear Hans:

As required in Conditions of Certification TSE-2 of the California Energy Commission (CEC) in the Commission Decision, the Project Owner shall assign California registered engineers to the project.

CH2M HILL is pleased to submit for your review and approval the following revisions and additions to the individuals for the named positions who will be responsible for the responsibilities defined in TSE-2. The assigned individuals have extensive experience and are practiced in the functions and duties in their area of discipline responsibility.

Positions, as defined in CEC COC TSE-2:

Structural Engineer, General Scope of Structural Design – Mario N. Scacco, PE will replace Phillip Landeros, PE
Structural Engineer, Switchyard Structures for Dis-Tran – Douglas S. Krug, PE

If you have any questions, I can be reached at 720-286-1798 or at jeffrey.hologa@ch2m.com.

Sincerely,

Jeffrey D. Hologa, PE
Project Engineer
CH2M HILL ENGINEERS, INC.

cc: Bob Forsthoffer
Randal Rose
Phil Knox
Dwight Hartman
Steve Brezina
Mario Scacco
Jack Stone (Calpine)
Keri Schwager (Calpine)

EDUCATION

Bachelor of Science in Civil Engineering / Structural Major, BSCE 1980
Purdue University, West Lafayette, Indiana

PROFESSIONAL REGISTRATION

Registered Structural Engineer, California, 1994; License S 3944
Registered Civil Engineer, California, 1984; License C 36725
Certified Plans Examiner: ICBO/UBC 1985/-88/-91/-94/-97; ICC 2006/-09; Cert. No. 31665/0849726-06

EXPERIENCE

Mr. Krug is a principal engineer for McKennyKrug, Inc., Structural and Civil Engineers. Current responsibilities include structural analysis, design and building plan development for architects, contractors and owners; building code application, interpretation and enforcement for private and public agencies for structural, life-safety and disabled access issues in the International and California Codes. Other experience includes construction management, field inspection and superintendent.

Prior to establishing McKennyKrug Mr. Krug served as manager and Vice President for BSI Consultant Inc.'s Northern California Building Division. In this capacity he was responsible for all aspects of technical and managerial duties while developing BSI's Building Safety division in Northern California. Specific responsibilities included architectural and structural building design and plan review for commercial residential and industrial projects, development and retention of a growing client base, hiring, training and developing staff to perform building code application and review at BSI's Oakland, San Ramon and Sacramento offices. Managerial duties included business plan implementation and financial accountability.

Mr. Krug's experience in building department code application and enforcement began in 1985 as an associate staff engineer with the Sacramento County Building Department. During this time he was responsible for commercial, industrial and large residential plan review, staff technical training and department policy organization. His work on writing and implementing Sacramento County's special inspection policy in 1986 has led to more consistent special inspection procedures and remains the model for jurisdictions throughout the Sacramento Valley and Northern California area.

Mr. Krug served the private sector engineering design and construction industry, starting as a structural design engineer for the Bechtel Power Corporation in 1980. As an engineer with Bechtel's Civil/Structural project design team he was responsible for the design, production and field implementation of fossil and nuclear power production and distribution projects throughout the United States. Duties included structural design, Civil/Structural group leader and field project engineering manager assisting in the design, construction and modifications on power block and support structures, including a five-story office laboratory building constructed for the Sacramento Municipal Utility District.

Following his Bechtel tenure, Mr. Krug was a construction superintendent and field engineer for Tecon Pacific, a West Sacramento structural and architectural concrete precast firm. Responsible for product quality, transportation and field installation, Mr. Krug superintended the building of precast concrete structures ranging from a complete superstructure systems for a mid-rise senior citizen's facility in Los Angeles to GFRC architectural exterior wall panel systems for a corporate research facility in Pinole, CA.

PROFESSIONAL AFFILIATIONS

Structural Engineers Association of Central California (SEAOCC):
Director (1995-97); Chairman/Continuing Education Committee (1991-92); Chairman/Membership Committee (1995-2000); Chairman/Building Code Committee (1992-94, 97-present)
Inducted Structural Engineers Association of California - College of Fellows, Class of 2011
International Code Council (ICC), Corporate Member;
Member California Building Standards Commission, Structural Advisory Committee (1999 – present)

STRUCTURAL & CIVIL ENGINEERING • CODE APPLICATIONS

8020 SACRAMENTO STREET
FAIR OAKS, CA 95628



PHONE (916) 966-0762
FAX (916) 966-0763
<http://www.mckennykrug.com>

Mario N Scacco, PE

Structural Engineer

Phone: 720-286-5439

Email: Mario.Scacco@ch2m.com

Education

B.S., Civil Engineering, Case Western Reserve University

Professional Credentials

- Professional Engineer: Colorado, California, Utah, Ohio, Nevada, Oregon

Distinguishing Qualifications

- Experience designing a 14 story (about 200 feet) mining process building and power projects with boiler structures which are over 300 feet in height, and involve high seismic areas.
- Over 30 years experience in civil, structural, and architectural engineering, structural design, and construction management including structural steel and concrete foundations for heavy industrial, commercial and institutional projects.
- Experience includes bulk material handling equipment such as belt conveyors, bulk storage bins and silos, vibrating screens and feeders, and process vessels. Extensive design experience involving all foundation types, including piles, caissons, and vibration analysis. Industries served include power generation, mining and petroleum.
- Knowledge of structural analysis and design software including GT-STRUDL, STAAD, PCA-Mats, SAFE, Founds, and Stardyne.
- Civil design and engineering expertise includes road, railroad and pipeline layout and design, site drainage design and finish grading for power generation facilities, switchyards, substations, and mining sites in mountainous regions.

Selected Experience

NV ENERGY CLARK PEAKER PROJECT - Henderson, Nevada

Lead Engineer responsible for all civil and structural work on this 600 MW Natural Gas Fired Peaking power station. Complete EPC project using 12-Pratt & Whitney FT8-3 Swift-Pac gas turbines and associated BOP equipment.

NV ENERGY TRACY COMBINED CYCLE POWER PROJECT - Reno, Nevada

Civil/Structural Engineer responsible for all civil/structural engineering work on the project, which included field inspection. Featuring 2 GE 7FA gas combustion turbines, 2 Nooter-Ericksen heat recovery steam generators (HRSG), and a GE D-11 steam turbine. Complete EPC 550 MW Natural Gas Fired Combined Cycle power station project.

NV ENERGY NORTH VALMY STATION UNIT 2 - North Central, Nevada

Civil/Structural Engineer, the project included the design/engineering for a two unit 500 MW coal-fired power plant located in north-central Nevada. The work included preparation of design criteria, specifications, schedules and reports; review of calculations and drawings; supervision of engineers, designers and drafters; evaluating proposals and administering contracts worth up to \$12 million.

Mario N Scacco, PE (continued)

TURLOCK IRRIGATION DISTRICT - Turlock, California

Civil/Structural Engineer, Walnut Energy Center Project, 250 MW Natural Gas Fired Combined Cycle power station, featuring 2 GE 7EA gas combustion turbines, 3 heat recovery steam generators (HRSG), and a 100 MW steam turbine. Responsible for civil/structural engineering review of the project, which involved Chief Building Official (CBO) and Owner's Engineer (OE) review of design criteria, specifications, calculations, drawings and schedules.

CITY OF CORONA CLEARWATER COGEN PROJECT - Corona, California

Lead Civil/Structural Engineer, 30 MW Natural Gas Fired Combined Cycle power station, featuring 1 GE LM2500 gas combustion turbine, 1 HRSG from Rentech, and 1 Shin-Nippon steam turbine. Responsible lead civil/structural engineer on the project, which involved preparation of design criteria, specifications, calculations, and schedules; review of calculations and drawings; supervision of engineers, designers, and drafters; and evaluation of proposals.

CITY OF PAYSON PAYSON POWER PROJECT - Payton, Utah

Civil/Structural Engineer, 140 MW Natural Gas Fired Combustion Turbine power station, featuring 1-GE 7EA gas turbine and 1-GE steam turbine. Assisted in the preparation of design calculations, drawings, and review of contract documents for the detailed engineering phase of the project.

PG&E NATIONAL ENERGY GROUP

Lead Civil/Structural Engineer, GE 7FB Reference Plant, 550 MW Gas Fired Combustion Turbine power station. Responsible lead civil/structural engineer on the project, which involved preparation of design criteria, specifications, calculations, and schedules; review of calculations and drawings; supervision of engineers, designers, and drafters; and evaluation of proposals.

PG&E NATIONAL ENERGY GROUP UMATILLA/MEADOW VALLEY PROJECTS

Civil/Structural Engineer, Gas Fired Combustion Turbine power plants – preliminary permitting efforts.

Geothermal Power Projects

FREEPORT GEOTHERMAL - Northern, California

Civil/Structural Engineer, Bear Canyon Geothermal Plant, a 30 MW power station located in The Geysers region of northern California.

UNOCAL CORPORATION SALTON SEA UNIT 2 GEOTHERMAL PROJECT

Civil/Structural Engineer, the project includes design/engineering for the 50 MW power plant and brine processing facilities. The civil work includes steel design for the powerhouse, piperacks and equipment supports and concrete foundation design for a Fuji turbine-generator, process equipment, buildings and other steel structures. Precast, pre-stressed concrete piles were used to support heavy equipment and structures.

Nuclear Power Projects

OMAHA PUBLIC POWER DISTRICT- Nebraska

Civil/Structural Engineer, Fort Calhoun Nuclear Station, this project involved an addition to the Security Building with bullet-proof design and intrusion detection protection.

Mario N Scacco, PE (continued)

FOSSIL-FUELED POWER PROJECTS - Hardin, Montana

Civil/Structural Engineer, Hardin Generation Project, 145 MW coal-fired power plant, responsible for steel and concrete foundation design.

NORTHERN STATES POWER COMPANY - Minnesota

Civil/Structural Engineer, Black Dog Power Stations, retrofit of fluidized bed to existing 100 MW coal-fired generating station in Minnesota. The work involved preparation of design calculations for large flue gas ductwork and support framing.

NORTHERN STATES POWER COMPANY

Civil/Structural Engineer, Riverside Generating Plant, Units 6 & 7. The project included modifications to two existing boilers, a new turbine generator and foundation, and associated structural modifications. The work included preparation of design criteria, specifications, calculations, and schedules; review of calculations and drawings; supervision of engineers, designers, and drafters; and evaluation of proposals.

PUBLIC SERVICE COMPANY PAWNEE UNIT 2/SOUTHEAST - Brush, Colorado

Civil/Structural Engineer, the first project was a second 500-MW unit at the Pawnee station. The second project was a 500 MW coal-fired electric power generating station, to be located in Las Animas County in southeast Colorado. The work included deep foundation design involving drilled piers and reactive soil condition, heavy reinforced concrete mat foundations, large boiler superstructure design.

Transmission and Distribution Projects

HOLY CROSS ENERGY SNOWMASS SUBSTATION - Aspen, Colorado

Civil/Structural Engineer provided structural engineering for this 115/125 kv, 50-megavolt-ampere (MVA) GIS substation. CH2M HILL is the engineering partner on a design-build team being led by the equipment supplier, Areva T&D. The new substation is being installed in Aspen, Colorado, and includes innovative architectural design to blend in with existing themes in this mountain community.

CONDITION OF CERTIFICATION TSE-4

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

TSE-4

Per the requirements of *TSE-4*, a statement will be provided by the engineer of record that the plans, specifications, and calculations have been prepared in compliance with applicable LORS. It is currently planned for this statement to be issued upon completion of the design and CBO review process and upon addressing field construction changes which require the approval by the engineer of record. Therefore, this record will be provided in a future Monthly Compliance Report consistent with the design and construction activities.

CONDITION OF CERTIFICATION TSE-5

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**



DISPOSITION

October 30, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: TSE-5
CBO Package No: CBO-503

Review Subject: Switchyard AC Schematics

Applicable Documents: All documents listed per Transmittal 07664

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 17, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: TSE-5
CBO Package No: CBO-507

Review Subject: Grounding Plans

Applicable Documents: All drawings listed per Transmittal 07423

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 18, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: TSE-5
CBO Package No: CBO-508

Review Subject: Dis-Tran Structural Bolt Certs

Applicable Documents: All documents listed per Transmittal 07519

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 18, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: TSE-5
CBO Package No: CBO-511

Review Subject: Transition Cluster Phase II Interconnection Study Report

Applicable Documents: All documents listed per Transmittal 07555

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List



DISPOSITION

October 30, 2012

PROJECT: LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2
CEC Docket No.: 03-AFC-2

CBO COC: TSE-5
CBO Package No: CBO-512

Review Subject: Energization Plan

Applicable Documents: All documents listed per Transmittal 07707

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION AQ-SC3

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

AQ-SC3

Constructive Fugitive Dust Control: The project owner shall include in the MCR:

1. A summary of all actions take to maintain compliance with this condition:
 - Daily watering using a water truck continuously applying water on all areas of activity on the site including excavations, truck routes (paved and unpaved), and active stockpiles.
 - Use of a street sweeper to keep paved areas clean.
 - Use of a dust meter which takes regular readings throughout the day with the data downloaded and reviewed each day.
 - Dust meters are visually checked throughout the day to assure compliance
 - Soil stockpiles have been covered with a soil stabilizer with the open face (working side) covered with plastic at the end of each day. The stockpile is being used as backfill and is decreasing in size.
 - Enforcement of the no visual dust policy.
 - Provide training for compliance to all staff.
 - Detailed training is provided to all lead staff.
2. Copies of any complaints filed with the air district in relation to project construction
 - None noted for September 2012.
3. Any other documentation deemed necessary for the CPM and AQCMM to verify compliance with this condition
 - None noted for September 2012.

CONDITION OF CERTIFICATION AQ-SC5

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

AQ-SC5

Diesel-Fueled Engine Control: The project owner shall submit the following:

1. A summary of all actions taken to maintain compliance with this condition:
 - **Equipment is inspected daily and maintenance completed as required.**
 - All diesel-fueled engines used in the construction of the facility shall be fueled only with ultra-low sulfur diesel, which contains no more than 15 ppm sulfur. **Confirmed by fuel receipts.**
 - All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. **Confirmed by CARB tags.**
 - All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 1 California Emission Standards for Off-Road Compression-Ignition Engines as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. **Confirmed by inspection and documented on the Emission Log.**
 - All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the requirements of (c) above shall be properly maintained and the engines tuned to the engine manufacturer's specifications. **Confirmed by Subcontractor equipment maintenance letters attached.**
 - All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical. **Confirmed by observation throughout the day**
 - **Attached emission log**
2. Copies of all diesel fuel purchase records
 - **Fuel receipts are attached**
3. A list of all heavy equipment used on site during the month, including the owner of that equipment and a letter from each owner indicating that equipment has been properly maintained.
 - **See attached emission log**
4. Any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition
 - **See attached emission log**

CH2MHILL

Sept

Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating/ tier	Tier	Fuel type used	Gallons of fuel used	Hour Meter Reading this Month	Hours of Operation for Project	CARB #
On-Road Vehicles											
Vehicle Description (flat bed, End Dump, etc.)	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Total Miles this Month	Total Miles for Project	
Passenger cars											
Vehicle Description	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Round trip (In Miles) this Month	Round trip (In Miles) Total Project	
F-150 Gray	8065	Ford	F-150	2011	250	NA	Gas	10	150	2,652.00	NA
F-150 White	8066	Ford	F-150	2011	250	NA	Gas	7	85	1,165.00	NA
Harder											
Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Hours of Operation this Month	Hours of Operation Total for Project	CARB #
Cart	Ranger	Polaris	500 EFI	2011	498cc	NA	diesel	6	12	181	NA
Generator	3606	Wisperwatt	DCA-70SSI				diesel	450	279	869	NA
Generator	NA1478B10071	Red D Arc	70SSI	2010	87	NA	diesel	475	264	1069	NA
Hoist Lift 360	28501	Hoist	P360	2005	152	2	Diesel	60	30	203	RJ3E48
Forklift	912265	Skytrack	8042	2011	190	3	diesel	1133	629	983	PN3J44
Forklift	629010	Skytrack	8042	2006	110	2	diesel	140	68	865	VH3R97
Compressor	989595	Sullair			49		diesel	140	77	218	NA
Crane	753586	Link-Belt	RTC 130	2010	300	2	diesel		0	880	DS5E97
Crane	3626	Link-Belt	RTC 8050	2006	165	1	diesel		0	690	EM775
Generator	1103457	Wisperwatt						700	434	180	
Compressor	864788	Sullair						90	50	31	
Compressor	890098	Sullair						190	104	8	
Welder	H5-DW	Trailblazer						170	90	25	H5-DW
Welder 3/12	YD-M400041	Red D Arc	502		49.5	NA	diesel		0	315	NA
Welder 3/12	YD-M350084	Red D Arc	502		49.5	NA	diesel		0	270	NA
Welder 3/12	YD-M060873	Red D Arc	502		49.5	NA	diesel		0	270	NA
Welder	420167	Miller	500	2010	31.9	NA	diesel		0	370	NA
Welder	YE-M210014	Red D Arc	550k		49.5	NA	diesel	90	50	540	NA
Welder 3/12	YD-M003536	Red D Arc	550k		49.5	NA	diesel	150	88	520	NA
Generator	NB1726860148	Whisperwatt	300	2009	102		diesel	220	123	1256	NA
Generator	NA-8510573	Red D Arc					diesel	190	103	323	NA
Generator	NA1478B10071	Red D Arc	70SSI	2010	87	NA	diesel	220	123	1333	NA
Forklift	105628						diesel	40	22	81	
Welder 3/7	YE-M470002	Red D Arc	550K	2010	49.5	NA	diesel		0	305	NA
Welder	M225432								0	0	
Pump (rain for rent)	606050								0	0	
Compressor	978300							110	60	60	
Light	385611							110	60	60	
Welder	H7-DW	Trailblazer						29	15	45	
On-Road Vehicles											
Vehicle Description (flat bed, End Dump, etc.)	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Total Miles this Month	Total Miles for Project	
Passenger cars											
Vehicle Description	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Round trip (In Miles) this Month	Round trip (In Miles) Total Project	
Duran and Venables											
Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of Fuel used	Hours of Operation this Month	Hours of Operation Total for Project	CARB #
Bobcat	531616254	Bobcat	T190	2007	2.4L	3	Diesel	24	16	271	HD5C57
Backhoe	TO410JX143882	John Deere	410J	2007	4.5L	3	Diesel	40	60	588	ANSX78
Skip Loader	TO2106J890072	John Deere	210J	2007	4.5L	3	Diesel	21	16	723	JA31363
Compactor	CD433LASNOO14	bomag	CP-433E	1994	4.4L	1	Diesel		0	149	JEGN66
Roller	CB224J22402866	Cat	CB-224E	2007	1.49L	3	Diesel		0	204	AL7T75

Off-Road Construction Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of Fuel used	Hours of Operation this Month	Hours of Operation Total for Project	CARB #
Forklift- Boom	107508	Skytrack	VR 1056D	2012	190	3	D	12	60	50	HE4V73
Forklift- boom	107723	Skytrack	VR 1056D	2012	190	3	D	12	60	50	BS9H34
Forklift- boom	63572	Skytrack	10054	2005	190	3	D	12	30	50	JC5C69
Forklift	910631	CASE	586G	2004	190	3	D	12	60	810	PG9Y68
Manlift	1178340	JLG	450 AJ	2012	160	1	D	20	120	990	YK6T95
Manlift	1179197	JLG	450 AJ	2010	160	1	D	16	50	60	HR5B48
Manlift	595440RA	JLG	450 AJ	2006	160	1	D	16	55	65	KG5F58
Manlift	104516	JLG	Z-80	2012	73.8	1	D	20	55	65	YE3T57
								120			



November 9, 2012

Los Esteros Critical Energy Facility
800 Thomas Foon Chew Way
San Jose, CA 95134

To whom it may concern,

AZCO, Inc. is in compliance with equipment maintenance and repair work done per the manufacturer guide lines.

Thank You,

AZCO, Inc.

Pablo Lerma

Pablo Lerma
Project Coordinator of Equipment



Equipment Maintenance Report

To whom it may concern,

The equipment rented from Sun state & United Rental, Maintenance records are up to date. All equipment is inspected and the Maintained in accordance with the LG construction and CH2M Hills specification.

Any question regarding this information please contact:

Ronnie L Thomas

Newtron Safety Manager.

925-595-0443 Cell

Ronnie_thomas@thenewtroungroup.com

493121

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 10-1-12
NAME AZCO		
ADDRESS SAN JOSE		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON. ACCT.	MOSE RETD.	PAID OUT
---------	------	--------	--------	-----------	------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	34 g Red Diesel		
2			
3			
4			
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493122

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 10-3-12
NAME A2CO		
ADDRESS SAN JOSE		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON. ACCT.	MOSE RETD.	PAID OUT
---------	------	--------	--------	-----------	------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	394g Red Diesel		
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
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17			
18			

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493124

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE				
		10-5-12				
NAME AZCO						
ADDRESS						
CITY, STATE, ZIP						
SOLD BY	CASH	C.O.D.	CHARGE	ON. ACCT.	MDSE RETD.	PAID OUT

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	529 g Red Diesel		
2			
3			
4			
5			
6			
7			
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11			
12			
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HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

493129

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE
NAME	10-8-12	
AZCO		
ADDRESS	SAW JOSE	
CITY, STATE, ZIP		
SOLD BY	CASH	C.O.D.
CHARGE	ON. ACCT.	MOSE. RETD.
PAID OUT		

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	33g Red Diesel		
2			
3			
4			
5			
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7			
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13			
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15			
16			
17			
18			

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HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

493130

CUSTOMER'S ORDER NO. _____

NAME **ARCO** DEPARTMENT _____

ADDRESS **SAW Jose** DATE **10-10-12**

CITY, STATE, ZIP _____

SOLD BY _____

CASH _____ C.O.D. _____ CHARGE _____ ON. ACCT. _____ MDSE. RETD. _____ PAID OUT _____

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1 692	g Red Diesel		
2			
3			
4			
5			
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7			
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18			

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01-11 

HENRI'S MOTOR OIL LUBE INC.
285 S. LANTANA WAY
FREMONT, CA 94536

493133

CUSTOMER'S ORDER NO. _____

NAME **AZCO** DEPARTMENT _____ DATE **11-12-12**

ADDRESS **SAN Jose**

CITY, STATE, ZIP _____

SOLD BY _____ CASH _____ C.O.D. _____ CHARGE _____ ON. ACCT. _____ MDSE. RETD. _____ PAID OUT _____

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1 184g	Red Diesel		
2			
3 41g	PO 170360		
4			
5			
6			
7			
8			
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17			
18			

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HERMAN'S MOBILE LUBE INC. **365858**
 36062 LARCH WAY
 FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 10-15-12
NAME AZCO - S.C.		
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	DN. ACCT.	MOSE RETD.	PAID OUT
---------	------	--------	--------	-----------	------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3	455 G DIESEL		
4			
5			
6	p.o 170360		
7			
8			
9			
10	24 G DIESEL		
11			
12			
13			
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15			
16			
17			
18			

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HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

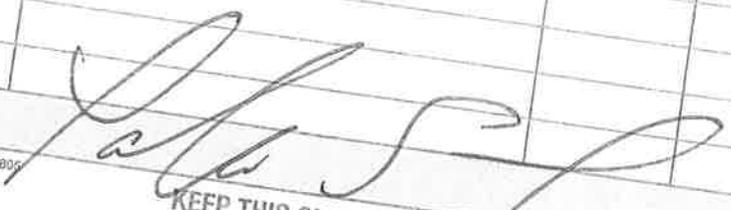
365861

CUSTOMER'S ORDER NO. _____
NAME **AZCO - S.C.** DEPARTMENT _____ DATE **10-17-12**
ADDRESS _____
CITY, STATE, ZIP _____

SOLD BY _____
CASH _____ C.O.D. _____ CHARGE _____ ON. ACCT. _____ MOSE RETD. _____ PAID OUT _____

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4	611 G DIESEL		
5			
6			
7			
8	P.O 170360		
9	18 G DIESEL		
10			
11			
12			
13			
14			
15			
16			
17			
18			

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365863

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 10-19-12
NAME AZCO - S.C.		
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON. ACCT.	MDSE. RETD.	PAID OUT
---------	------	--------	--------	-----------	-------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4	658 G DIESEL		
5			
6			
7	658 G DIESEL		
8			
9			
10	p.o 170360		
11			
12	52 G DIESEL		
13			
14			
15			
16			
17			
18			

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365865

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 16-22-12
NAME AZCO -		
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RETD.	PAID OUT
---------	------	--------	--------	----------	-------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3	456 G DIESEL		
4			
5			
6			
7	p.o 170360		
8			
9			
10	17 G DIESEL		
11			
12			
13			
14			
15			
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17			
18			

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365864

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 10-20-12
NAME A2CO - S.C.		
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MOSE. RETD.	PAID OUT
---------	------	--------	--------	----------	-------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4	342 G DIESEL		
5			
6			
7			
8			
9	p.o 170360		
10			
11			
12	15 G DIESEL		
13			
14			
15			
16			
17			
18			

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365870

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE
NAME		10-26-12
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D	CHARGE	ON. ACCT.	MOUSE RETD.	PAID OUT
---------	------	-------	--------	-----------	-------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4	378 G DIESEL		
5			
6			
7			
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12			
13			
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365871

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE
		10-27-12
NAME		
AZCO - S.C		
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MOSE. RETD.	PAID OUT
---------	------	--------	--------	----------	-------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4	254 G DIESEL		
5			
6			
7			
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9			
10			
11			
12			
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365867

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 10-27-12
NAME AZCO		
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON. ACCT.	MDSE. RETD.	PAID OUT
---------	------	--------	--------	-----------	-------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4	587 G DIESEL		
5			
6			
7	p.o 170360		
8			
9			
10	34 G DIESEL		
11			
12			
13			
14			
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17			
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365869

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 10-25-12
----------------------	------------	---------------

NAME AZCO

ADDRESS

CITY, STATE, ZIP

SOLD BY	CASH	C.O.D.	CHARGE	GM. ACCT.	MDSE RETD.	PAID OUT
---------	------	--------	--------	-----------	------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4	424 G. DIESEL		
5			
6			
7			
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365875

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE
NAME		10-29-12
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON.ACCT.	MOSE. RETD.	PAID OUT
---------	------	--------	--------	----------	-------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4	524 G DIESEL		
5			
6			
7			
8			
9			
10			
11			
12			
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01-11 

365876

HERMAN'S MOBILE LUBE INC.
36062 LARCH WAY
FREMONT, CA 94536

CUSTOMER'S ORDER NO.	DEPARTMENT	DATE 10-30-12
NAME AZCO		
ADDRESS		
CITY, STATE, ZIP		

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MOUSE RETD.	PAID OUT
---------	------	--------	--------	----------	-------------	----------

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4			
5	298 G DIESEL		
6			
7			
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**DURAN &
VENABLES**

GENERAL ENGINEERING CONTRACTORS

Since 1979

September 28, 2012

To whom it may concern:

Due to the fact that Duran & Venables, Inc. maintains a bulk surplus of fuel at our equipment yard, there is no third party receipts for fuel distribution that can be produced.

Month of Operation: 10-12

Gallons of Diesel distributed: 179 gal.

Thank you,

Duran & Venables, Inc.

DURAN & VENABLES, INCORPORATED

748 South Hillview Drive, Milpitas, CA 95035 | T 408-934-7300 | F 408-934-7310 | www.duran-venables.com

9275 Beatty Drive, Suite B, Sacramento, CA 95826 | T 916-498-9762 | F 916-498-9219 | CA LIC. #375068-A

10/29

MCCARTHY RANCH CHEURO
367 CYPRESS DR.
MILLPITAS CA
95035
10/29/12

12:59:11

E/MASTERCARD
XXXXXXXXXXXX
Invoice#
Auth#

Pump#: 13
21.7446 @ \$4.599/G
DIES/Self @ \$100.00
074656

Total \$4.599/G
\$100.00

Learn how to
EARN REWARDS
with a Chevron
Credit Card
See Texaco
for application
details

CarWash NonRefundable
1 Discount Per Day
Use 2 Wash In 3Months

10/25/12
MCCARTHY RANCH CHEVRO
MCCARTHY RANCH DR.
957 CYPRESS CA
957 PITAGLIA
MILN 00206864

10:25:20

10/25/12
E/MASTERCARD 4910
XXXXXXXXXXXX 6446756
Invoice# 087520
Auth#

Pump#: 14
10:07:10 @ \$ 4.99/gal
DIES/Self \$ 50.00

Total \$ 55.50
Total \$ 55.50
Learn how to
EARN REWARDS
with a Chevron
or Texaco
Credit Card
See details
for

Cashback Not Refundable
1 Discount Per Day
Use 2 Wash In 3 Months

Dies for 99
Total \$ 55.50

MCDARTY RANCH CHEIRO
357 CYPRESS DR.
STY 00206954
10/23/12

E/MASTERCARD 10:52:45
XXXXXXXXXX
Invoice# XXXX4310
Auth# 6444134
075299

Pump#: 13
21.7445 @ \$4.599/g
DIES/SELF
Total \$100.00

EARN HOW TO
WITH REWARDS
OR TEXACO
CREDIT CARD
See application
for details

Carwash NonRefundable
1 Discount Per Day
Use 2 Wash In 3Months

Desel
MP
10/23/12
10:52:45
6444134
075299
100.00
4.599/g
21.7445
13

HCCBARTHY RANCH CHEVRO
367 CYPRESS DR.
MILPITAS, CA
STN 00208864

10/15/12 15:40:52

E/MRSTERCARD
XXXXXXXXXXXX4310
Invoice# 6437803
Auth# 017163

Pump# 14
21.7448 @ \$ 4.599/g
DIES/Self \$100.00

Total \$100.00

Learn how to
EARN REWARDS
with a Chevron
or Texaco
Credit Card
See application
for details

CarWash Redeemable
1 Discount Per Day
Use 2 Wash In 3Months

Diesel for equipment
Sp # 35580

MCCARTHY RANCH CHEURO
357 CYPRESS CA
MILPITAS 95034
STN 00208864

10/08/12

09:23:29

E/MASTERCARD
XXXXXXXXXXXX4310
Invoice# 6432077
Auth# 099989

Pump #: 14 \$ 4.599/G
21.74G @ \$100.00
DIES/SELF \$100.00

Total

Learn how to
EARN REWARDS
with a Chevron
or Texaco
Credit Card
See application
for details

Carwash Non-refundable
1 Discount Per Day
Use 2 Wash In 3 months

10518

Handwritten notes:
D: 10/8/12
10518
10518

MCCARTHY RANCH CHEVRO
367 CYPRESS DR.
MILPITAS, CA 95026
STN 00206864
10/05/12

E/MasterCard 14:04:43
XXXXXXXXXXXX
Invoice# XXXXXXXX4310
Auth# 6430248
034185

Pump#: 15
DIES/SELF \$ 4.599/15
Total \$100.11

EARN HOW TO
WITH REWARDS
OR TEXACO
CREDIT CARD
SEE APPLICATION
FOR DETAILS

Car Wash Non-refundable
1 Discount Per Day
Use 2 Wash In 3 Months

W # 3758
C

Deeds, Tyler/SJG

From: Ralph Jefferson [rjefferson@hardermech.com]
Sent: Thursday, November 01, 2012 7:19 AM
To: Deeds, Tyler/SJG
Subject: FW: Fuel Totals for October 2012

Here you go,

Ralph Jefferson



Safety Manger

From: Barbara Limbertos [<mailto:barbara@pacstatespetro.com>]
Sent: Wednesday, October 31, 2012 11:42 AM
To: Ralph Jefferson
Subject: Fuel Totals for October 2012

Good morning, Ralph..

I apologize for the delay in getting back to you with these totals.

Below you will find a breakdown of the fuel deliveries made to the Los Esteros Substation.

October 2, 2012 ~ 383.6 gal
October 5, 2012 ~ 444.9 gal
October 9, 2012 ~ 465.9 gal
October 12, 2012 ~ 494.3 gal
October 16, 2012 ~ 728.5 gal
October 19, 2012 ~ 525.6 gal
October 22, 2012 ~ 498 gal
October 24, 2012 ~ 378 gal
October 26, 2012 ~ 402 gal
October 29, 2012 ~ 393 gal

We appreciate your business. Have a great week, Ralph.

Barbara Limbertos

Pacific States Petroleum

800-679-1700 office

925-938-7774 fax

barbara@pacstatespetro.com

() () | \ _
PSPI-Got Diesel/Propane?-|=|_|.]
"(@)'(@)" "(@)'(@)" (@)**(@)

Card Processing Invoice

Overa Construction
Account: 51895

Original Page: 2
Invoice Date: 10/15/2012
Invoice No: CFS-0580141

Date/Time	Card	Site	Product	Vol	Odometer	MPG	Units	Unit Price	Amount	
10/12/12 8:23a	7553882	Richmond CA - 1942	Regular	0000	0	3,214	29.97	10.92	4.62990	50.54
10/12/12 11:24a	7553882	Richmond CA - 1942	Regular	0000	0	199,622	29.00	21.02	4.62990	97.33
10/12/12 1:01p	7553882	Richmond CA - 1942	Regular	0000	0	3,214	29.99	25.04	4.62990	115.93
10/15/12 8:04a	7553882	Richmond CA - 1942	Regular	0000	0	3,206	29.99	5.96	4.57990	27.41
10/15/12 12:44p	7553882	Richmond CA - 1942	Regular	0000	0	3,206	0.00	10.71	4.57990	48.03
7553882 - OVERAA - NEW #6 Total									296.23	1,336.42
7644936 - OVERAA NEW #12										
10/01/12 9:04a	7644936	Richmond CA - 1942	Regular	0000	0	3,089	29.99	2.29	4.17990	9.57
10/02/12 8:51a	7644936	Richmond CA - 1942	Regular	0000	0	2,251	7.33	6.46	4.21990	27.15
10/04/12 7:50a	7644936	Richmond CA - 1942	Regular	0000	0	2,251	0.00	14.31	4.40990	64.39
10/05/12 2:52p	7644936	Richmond CA - 1942	Regular	0000	0	1,175	29.41	19.56	4.59900	89.53
10/08/12 8:07a	7644936	Richmond CA - 1942	Diesel #2	0000	0	2,251	5.84	11.98	4.44990	53.11
10/12/12 7:00a	7644936	Richmond CA - 1942	Regular	0000	0	3,241	307.72	27.15	4.62990	125.86
7644936 - OVERAA NEW #12 Total									114.32	433.70
7527006 - OVERAA #3208										
10/08/12 5:39p	7527006	Fremont CA - 1087	Regular	0000	0	3,206	0.00	24.33	4.69900	114.32
10/08/12 5:43p	7527006	Fremont CA - 1087	Diesel #2	0000	0	3,206	0.00	9.93	4.38990	43.70
7527006 - OVERAA #3208 Total									34.26	158.02
7972678 - 3155										
10/01/12 10:05a	7972678	Turlock, CA - 1577	Reg	0000	0	3,250	0.00	19.32	4.19900	81.16
10/01/12 12:27p	7972678	Turlock, CA - 1577	Regular	0000	0	3,155	390.82	26.01	4.35300	113.54
10/03/12 10:17a	7972678	Turlock, CA - 1577	Regular	0000	0	3,250	2.25	42.25	4.35300	184.43
10/03/12 11:40a	7972678	Turlock, CA - 1577	Diesel #2	0000	0	3,250	0.00	17.45	4.22990	73.60
10/04/12 7:52a	7972678	Turlock, CA - 1577	Regular	0000	0	87,085	299.99	8.95	4.60170	41.17
10/05/12 12:05p	7972678	Turlock, CA - 1577	Regular	0000	0	3,250	675.06	23.65	4.59900	110.13
10/07/12 4:06p	7972678	Concord, CA - 1046	Regular	0000	0	3,250	0.00	30.81	4.50900	141.79
10/08/12 7:32a	7972678	Turlock, CA - 1577	Regular	0000	0	87,500	299.99	5.27	4.69990	24.75
10/08/12 7:39a	7972678	Turlock, CA - 1577	Diesel #2	0000	0	87,500	0.00	35.02	4.37990	153.40
10/10/12 2:05p	7972678	Turlock, CA - 1577	Regular	0000	0	3,250	623.95	25.24	4.69900	118.51
10/11/12 4:37p	7972678	Turlock, CA - 1577	Diesel #2	0000	0	3,212	576.81	17.27	4.36990	75.99
10/11/12 4:41p	7972678	Turlock, CA - 1577	Regular	0000	0	3,212	0.00	7.61	4.69900	35.71
10/12/12 9:33a	7972678	Atwater, CA - 5689	Regular	0000	0	3,250	1.55	24.48	4.64900	113.81
7972678 - 3155 Total									283.83	1,271.48
8024582 - JERRY M										
10/05/12 3:46p	8024582	Richmond CA - 1942	Diesel #2	0000	0	3,245	0.00	17.84	4.44990	79.38
8024582 - JERRY M Total									17.84	79.38
8025752 - OVERAA #15										
10/02/12 8:17a	8025752	Richmond CA - 1942	Diesel #2	0000	0	2,249	0.14	28.10	4.44990	125.03
10/12/12 9:11a	8025752	Richmond CA - 1942	Diesel #2	0000	0	3,249	299.99	25.89	4.47990	120.45
8025752 - OVERAA #15 Total									54.99	245.48
8223371 - OVERAA #5										
10/01/12 10:42a	8223371	Richmond CA - 1942	Diesel #2	0000	0	82,003	299.99	4.93	4.44990	21.92
10/01/12 2:50p	8223371	Richmond CA - 1942	Regular	0000	0	3,158	299.99	10.18	4.17990	42.53
10/04/12 7:42a	8223371	Richmond CA - 1942	Regular	0000	0	3,158	0.00	32.05	4.40990	144.22
10/06/12 9:24a	8223371	Richmond CA - 1942	Regular	0000	0	82,300	299.99	13.01	4.59900	59.81
10/08/12 5:02p	8223371	Richmond CA - 1942	Regular	0000	0	82,300	0.00	11.73	4.69900	55.11
10/09/12 7:25a	8223371	Richmond CA - 1942	Regular	0000	0	3,158	839.15	32.63	4.69900	153.02
10/09/12 3:40p	8223371	Richmond CA - 1942	Diesel #2	0000	0	3,217	4.39	13.44	4.44900	59.77
10/10/12 3:14p	8223371	Richmond CA - 1942	Regular	0000	0	197,840	299.99	20.00	4.66900	93.80
10/11/12 8:41a	8223371	Richmond CA - 1942	Regular	0000	0	3,214	299.99	14.68	4.66900	68.83
8223371 - OVERAA #5 Total									152.63	699.01
8224863 - OVERAA #3201										
10/01/12 7:12p	8224863	Menlo Park, CA - 2411	Regular	0000	0	3,201	0.00	21.65	4.16990	90.32
10/03/12 7:51p	8224863	Menlo Park, CA - 2411	Regular	0000	0	3,201	0.00	16.33	4.29900	70.19
10/08/12 5:00a	8224863	Richmond CA - 1942	Regular	0000	0	3,201	0.00	21.18	4.69900	99.54
10/09/12 7:41p	8224863	Richmond CA - 1942	Regular	0000	0	3,201	0.00	14.87	4.68900	69.73

Vol

Eric Johnson

Eric Johnson

Donny Hite

Eric Johnson

Eric Johnson

Eric Johnson

Donny Hite

HD

CONDITION OF CERTIFICATION WS-4

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**



**Los Esteros Critical Energy Facility
San Jose, California
Monthly Safety Performance Report
October 2012**

Employer	October - 2012										Year to Date - 2012										Project to Date									
	Hours Worked	NM	ENV	FA	REC	TRIR	RDC	RDCR	DAC	DACR	Hours Worked	NM	ENV	FA	REC	TRIR	RDC	RDCR	DAC	DACR	Hours Worked	NM	ENV	FA	REC	TRIR	RDC	RDCR	DAC	DACR
LGC Staff	10,058	0	0	0	0	0.00	0	0.00	0	0.00	54,755	0	0	1	0	0.00	0	0.00	0	0.00	74,071	1	0	3	0	0.00	0	0.00	0	0.00
Overra	4,562	0	0	0	0	0.00	0	0.00	0	0.00	25,380	0	1	0	0	0.00	0	0.00	0	0.00	50,694	2	4	0	0	0.00	0	0.00	0	0.00
Harder	30,210	0	0	0	1	6.62	0	0.00	0	0.00	232,680	3	3	4	3	2.58	0	0.00	0	0.00	251,563	8	3	6	3	2.39	0	0.00	0	0.00
Kier-Wright		0	0	0	0	0.00	0	0.00	0	0.00	227	0	0	0	0	0.00	0	0.00	0	0.00	339	0	0	0	0	0.00	0	0.00	0	0.00
TRC		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	314	0	0	0	0	0.00	0	0.00	0	0.00	
TLG	730	0	0	0	0	0.00	0	0.00	0	0.00	7,308	0	0	0	0	0.00	0	0.00	0	0.00	9,242	0	0	0	0	0.00	0	0.00	0	0.00
Hanson Pressure Pipe		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	100	0	0	0	0	0.00	0	0.00	0	0.00	
Contra Costa Electric		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	100	0	0	0	0	0.00	0	0.00	0	0.00	
MJ Electric	0	0	0	0	0	0.00	0	0.00	0	0.00	11,179	0	0	0	0	0.00	0	0.00	0	0.00	12,676	0	1	0	0	0.00	0	0.00	0	0.00
Telecom Plus		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	1,171	0	0	0	0	0.00	0	0.00	0	0.00	
Bay Area Construction		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	965	0	0	0	0	0.00	0	0.00	0	0.00	
CMT	1,370	0	0	0	0	0.00	0	0.00	0	0.00	6,626	0	0	0	0	0.00	0	0.00	0	0.00	7,609	0	0	0	0	0.00	0	0.00	0	0.00
DSM		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	387	0	0	0	0	0.00	0	0.00	0	0.00	
McClure Electric		0	0	0	0	0.00	0	0.00	0	0.00	28	0	0	0	0	0.00	0	0.00	0	0.00	303	0	0	0	0	0.00	0	0.00	0	0.00
N. American Demolition		0	0	0	0	0.00	0	0.00	0	0.00	5,908	1	0	0	0	0.00	0	0.00	0	0.00	5,908	1	0	0	0	0.00	0	0.00	0	0.00
AZCO	47,978	0	0	0	0	0.00	0	0.00	0	0.00	139,301	0	0	5	0	0.00	0	0.00	0	0.00	139,301	0	0	5	0	0.00	0	0.00	0	0.00
Newtron	16,882	0	0	0	0	0.00	0	0.00	0	0.00	41,382	0	0	0	0	0.00	0	0.00	0	0.00	41,382	0	0	0	0	0.00	0	0.00	0	0.00
Prysmian Cable	1,036	0	0	0	0	0.00	0	0.00	0	0.00	1,036	0	0	0	0	0.00	0	0.00	0	0.00	1,036	0	0	0	0	0.00	0	0.00	0	0.00
		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0.00	0	0.00	0	0.00	
		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0.00	0	0.00	0	0.00	
Project Totals (LGC)	112,826	0	0	0	1	1.77	0	0.00	0	0.00	525,810	4	4	10	3	1.14	0	0.00	0	0.00	597,161	12	8	14	3	1.00	0	0.00	0	0.00
CCMCI	2,276	0	0	0	0	0.00	0	0.00	0	0.00	8,694	0	0	0	0	0.00	0	0.00	0	0.00	14,041	1	0	0	0	0.00	0	0.00	0	0.00
Water Cooling Depot		0	0	0	0	0.00	0	0.00	0	0.00	9,799	0	0	0	0	0.00	0	0.00	0	0.00	14,996	2	0	0	0	0.00	0	0.00	0	0.00
Project Totals (Client)	2,276	0	0	0	0	0.00	0	0.00	0	0.00	18,493	0	0	0	0	0.00	0	0.00	0	0.00	29,037	3	0	0	0	0.00	0	0.00	0	0.00
		0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0.00	0	0.00	0	0.00	
Project Totals (Combined)	115,102	0	0	0	1	1.74	0	0.00	0	0.00	544,303	4	4	10	3	1.10	0	0.00	0	0.00	626,198	15	8	14	3	0.96	0	0.00	0	0.00

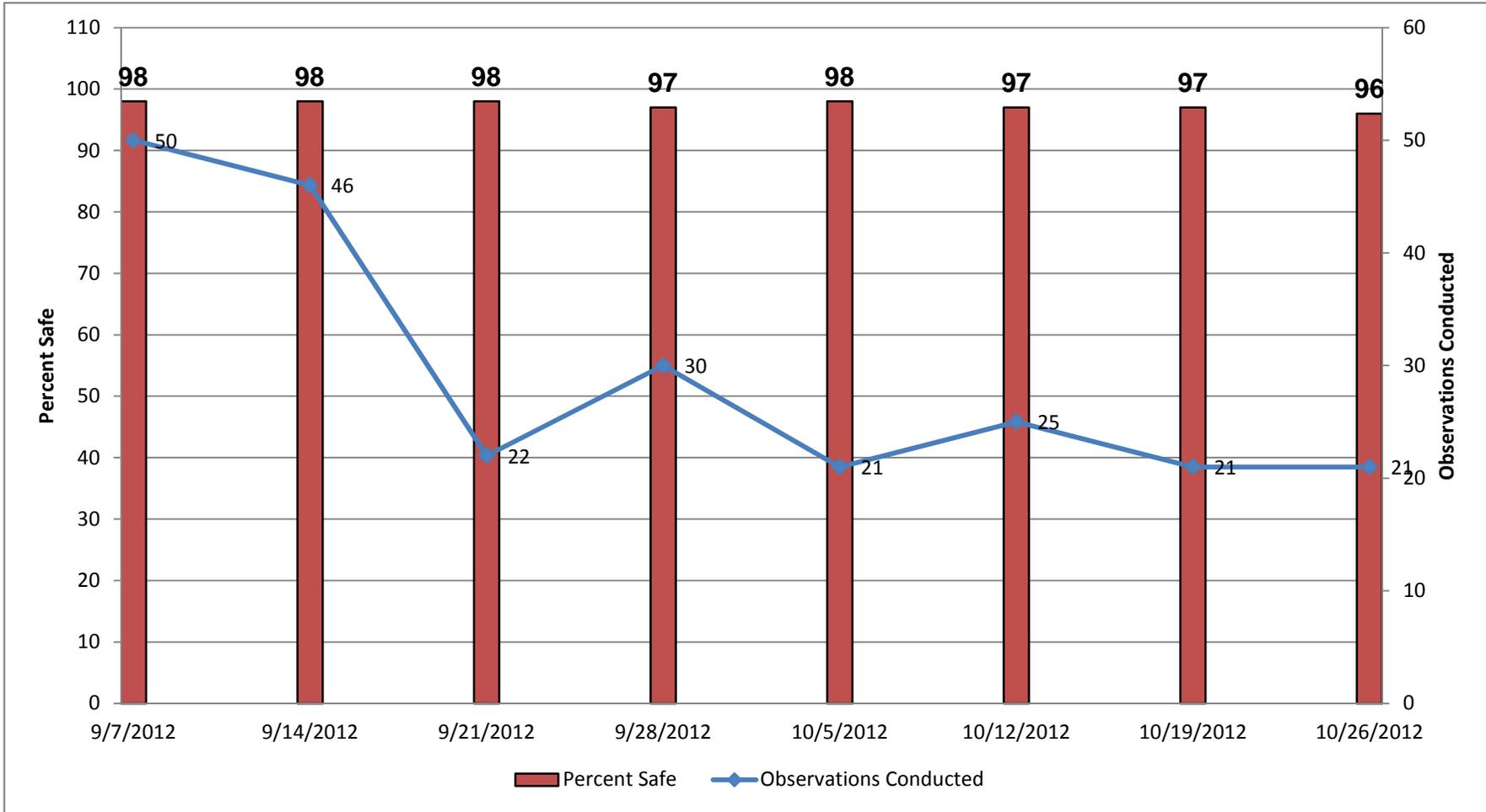
Legend: NM=Near Miss; ENV= Environmental Case; FA=First Aid; REC=Recordable; TRIR=Total Recordable Injury Rate; RDC=Restricted Duty Case; RDCR=Restricted Duty Case Rate; DAC=Days Away Case; DACR=Days Away Case Rate

Safe Behavior Observation Report

Parameter	Selection
Week Ending Date	10/26/2012
Project Name	Power-Los Esteros (LECEF)
Subcontractor Name	ALL
Client Group	ALL
Business Group	ALL
Sub Business Group	ALL
Area	ALL
Geographic Region	ALL
Province	ALL
Theater	ALL
International Region	ALL
Country	ALL

Safe Behavior Observations - Graph

Target: 98% Safe

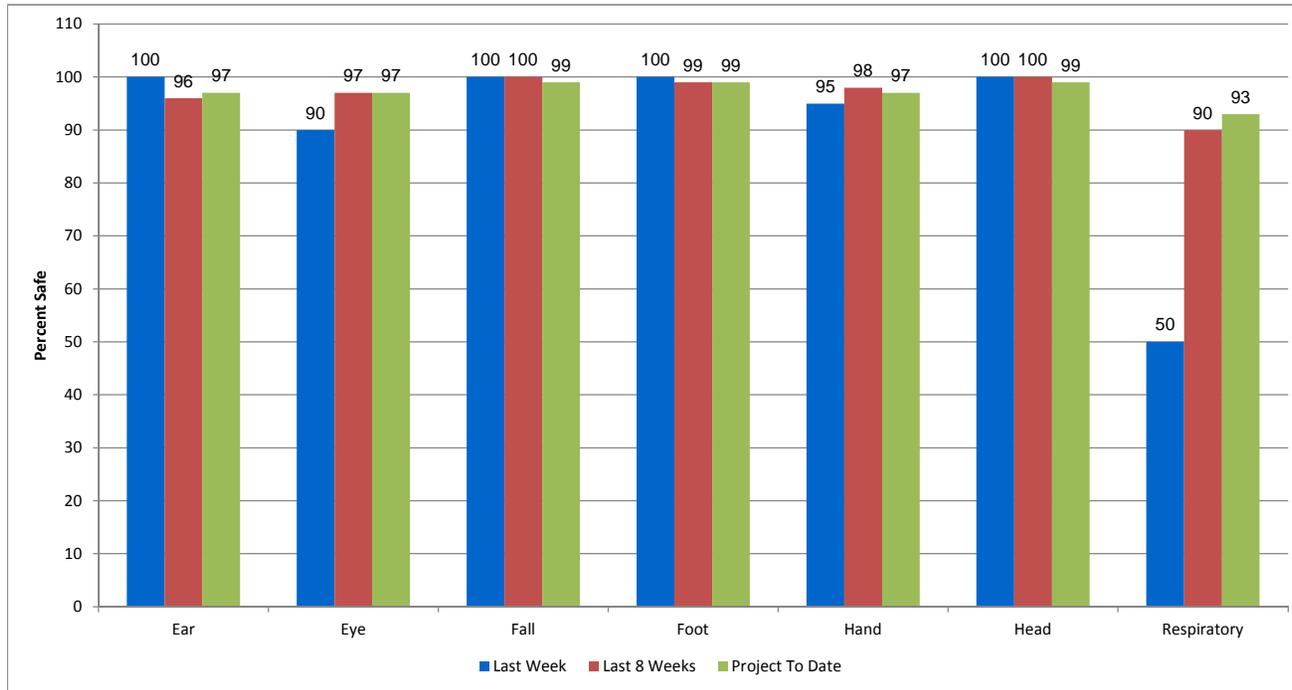


Safe Behavior Observations - Detail

Week Ending	9/7/2012		9/14/2012		9/21/2012		9/28/2012		10/5/2012		10/12/2012		10/19/2012		10/26/2012		Last 8 weeks		Project Totals	
	Safe	At-Risk	Safe	At-Risk																
Aerial Lifts	5	0	4	0	3	0	4	0	2	0	1	0	2	1	5	0	26	1	201	3
Barricading	26	0	23	0	10	0	18	2	14	0	11	1	14	0	13	0	129	3	939	22
Body Positioning	40	1	39	0	19	0	22	0	18	0	16	1	14	1	15	0	183	3	1349	11
Confined Space	2	0	2	0	1	0	3	0	0	0	1	0	2	0	1	0	12	0	192	0
Electrical	30	0	25	0	13	0	19	0	11	0	11	0	15	0	10	0	134	0	836	7
Excavations	3	0	5	0	2	0	3	0	3	0	2	0	0	0	0	0	18	0	419	3
Eye	49	1	45	1	22	0	29	1	21	0	24	1	21	0	19	2	230	6	1451	30
Fall Protection	19	0	20	0	11	0	12	0	7	0	9	0	8	0	9	0	95	0	451	4
Foot	50	0	46	0	21	0	29	1	21	0	25	0	21	0	21	0	234	1	1469	10
Hand	50	0	45	1	22	0	30	0	20	1	25	0	20	1	19	1	231	4	1441	35
Head	50	0	45	0	22	0	30	0	21	0	25	0	21	0	21	0	235	0	1468	12
Hearing	33	1	28	2	12	1	14	1	16	0	18	0	11	0	9	0	141	5	680	21
Housekeeping	45	2	44	0	21	1	27	2	20	1	20	0	19	0	17	2	213	8	1391	32
Ladders	21	0	15	2	9	0	9	0	9	0	9	0	9	1	7	0	88	3	502	14
Lockout	1	0	3	0	1	0	1	0	1	0	2	0	1	0	1	0	11	0	140	0
Manual Lifting	42	0	36	0	17	0	20	0	18	1	19	0	15	0	16	0	183	1	1216	2
Mobile Equipment	14	1	15	0	12	0	12	0	8	0	4	1	5	0	9	0	79	2	844	10
Other	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	2	17	10
Respiratory	14	1	8	1	4	0	5	1	3	0	4	0	0	0	1	1	39	4	156	10
Rigging	30	0	18	0	11	1	13	0	8	1	7	1	7	2	7	1	101	6	539	16
Scaffolds	22	0	18	0	11	0	15	0	9	0	10	0	12	0	8	0	105	0	379	1
Slip/Trip/Fall	40	1	36	1	19	1	26	0	21	0	20	0	17	1	17	1	196	5	1324	29
Tools In Use	44	0	41	0	20	2	26	1	21	0	19	0	18	1	16	0	205	4	1367	21
Work Permit	28	0	26	0	12	0	16	0	6	0	8	0	11	0	8	0	115	0	875	3
Totals	658	9	587	8	295	6	383	9	278	4	290	6	263	8	250	8	3004	58	19646	306
Percent Safe	98.00		98.00		98.00		97.00		98.00		97.00		97.00		96.00		98.00		98.00	

PPE % Safe

Target: 98% Safe



EAST BAY SAFETY, Inc.

Monthly Safety Monitor Report

Date: 11/5/2012

Project: LECEF Phase 2

Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134

Report: Monthly Safety Monitor Report, October 2012

Report by: Bill Bellm

Monthly Safety Stats:

- LG Constructors Safety/WEAP Orientations: 261
- Safe Behavior Observations: 68
- HSSE Audits: 20
- Pre-Task Plans (PTP) 1675
- Lost Time Recordable 0
- Recordable Injuries: (REC) 1
- First Aid Cases: 0
- Near Miss Events: 0
- Weekly Safety Monitor Visits and Reports: 5
- All Hands Safety Meeting Each Monday Morning @ 7 a.m.

Above information was provided by Craig Bellew, LG Constructors Safety Manager

Bill Bellm

11/5/2012

Signature

Date

EAST BAY SAFETY, Inc.

bill@eastbaysafety.com

Mailing Address: P.O. Box 600, San Lorenzo, Ca. 94580 Phone 510- 209-3017

EAST BAY SAFETY, Inc.

Safety Observation Report

Date: 10/29/2012

Project: LECEF Phase 2

Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134

Role: Safety Monitor

Purpose of visit: Independent on-site safety inspection

Weather: Fog

Site Safety Personnel: Craig Bellew, Lee Alexander, Daniel Garren

Contractors observed on site: LGC, Overra, Harder, MCR, D&V, AZCO, Newtron, RB Watkins

Overall Observations:

Work in progress inside and on top of HRSG Units

Pipe rack assembly in progress at various locations (Picture 1)

Electrical work on the cooling tower in progress. (Picture 2)

Assembling valves in progress on circulating water risers (Picture 3)

Observed welding in progress without flash shields on pipe rack structure. (Picture 4)

Witnessed an Overra employee walking inside of the barrier fence without fall protection near the edge of the excavation.
Location: Excavation at south side of the switch yard.



1



2



3



4

Positive Observations:

Attended Safety Meeting: Topics: Pay attention to the little things, Slips & Trips and Spot Awards.

Safety Procedures & Practices:

Met with Craig Bellew & Daniel Garren and discussed the following: Above observations and safety procedures and practices.
Met with Lee Alexander and discussed the site fall protection policy.

Bill Bellew

10/29/2012

Signature

Date

EAST BAY SAFETY, Inc.

bill@eastbaysafety.com

Mailing Address: P.O. Box 600, San Lorenzo, Ca. 94580 Phone 510- 209-3017

EAST BAY SAFETY, Inc.

Safety Observation Report

Date: 10/22/2012

Project: LECEF Phase 2

Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134

Role: Safety Monitor

Purpose of visit: Independent on-site safety inspection

Weather: Light rain

Site Safety Personnel: Lee Alexander, Daniel Garren, Bill Sharp

Contractors observed on site: LGC, Overra, Harder, MCR, D&V, AZCO, Newtron

Overall Observations:

Work in progress inside and on top of HRSG Units

Pipe rack assembly in progress at various locations (Picture 1 & 2)

Barricades down at several locations (Pictures 3 & 4)

Observed several AZCO employees; Improper use of fall protection harness.

Observed two scaffold erectors that were not following 100% tie off policy.



1



2



3



4



5

Positive Observations:

Attended Safety Meeting: Topics: Communication, Hazard Awareness, Working Above & below other trades and Spot Awards.

Observed employee wearing the proper PPE (Metatarsal Foot Guards) while compacting soils in excavation. (Picture 5)

Safety Procedures & Practices:

Met with Daniel Garren and discussed the following:

Above observations and safety procedures and practices, site conditions, and night shift safety orientation.

Reviewed AZCO Employee Safety Handbook

Bill Bellm

10/22/2012

Signature

Date

EAST BAY SAFETY, Inc.

bill@eastbaysafety.com

Mailing Address: P.O. Box 600, San Lorenzo, Ca. 94580 Phone 510- 209-3017

EAST BAY SAFETY, Inc.

Safety Observation Report

Date: 10/15/2012

Project: LECEF Phase 2

Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134

Role: Safety Monitor

Purpose of visit: Independent on-site safety inspection

Weather: Fog

Site Safety Personnel: Lee Alexander, Daniel Garren, Bill Sharp

Contractors observed on site: LGC, Overra, Harder, MCR, D&V, AZCO, Newtron

Overall Observations:

Work in progress inside and on top of HRSG Units

Pipe rack and pipe assembly in progress at various locations (Picture 1 & 2)

Soils compaction in progress at LECEF terminator stand #1 in Switch Yard. (Picture 3)

Excavation in progress for cycle chemical feed system slab. (Picture 4)

Rebar placement in progress at south side of STG. (Picture 5)



1

2

3

4

5

Positive Observations:

Attended Safety Meeting: Topics: Emergency Response Protocol, Tool Inspection Policy, Fog and Wet Conditions Hazard review and Spot Awards.

Safety Procedures & Practices:

Met with Daniel Garren and discussed the following:

Above observations and safety procedures and practices, site conditions, electrical chord issues and chord rollback, last weeks first aid case review, spotter policy for pipe assembly welding and review of safety committee weekly audit findings.

Bill Bellin

10/15/2012

Signature

Date

EAST BAY SAFETY, Inc.

bill@eastbaysafety.com

Mailing Address: P.O. Box 600, San Lorenzo, Ca. 94580 Phone 510- 209-3017

EAST BAY SAFETY, Inc.

Safety Observation Report

Date: 10/8/2012

Project: LECEF Phase 2

Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134

Role: Safety Monitor

Purpose of visit: Independent on-site safety inspection

Weather: Sunny

Site Safety Personnel: Craig Bellew, Lee Alexander, Daniel Garren, Bill Sharp

Contractors observed on site: LGC, Overra, Harder, MCR, D&V, AZCO, Newtron

Overall Observations:

Work in progress inside and on top of HRSG Units

Pipe rack assembly in progress at various locations (Picture 1)

Excavation in progress at GSUST Bank. (Picture 2)

Unsecured buckets and tools sitting on top of beam at the pipe rack on the north side of the STG. (Picture 3)



1



2



3

Positive Observations:

Attended Safety Meeting: Topics: Rigging-Best Practices, Pocket Knife Policy, Barricade Policy and Spot Awards.

A demonstration by the Technical Rescue Team was held for the Safety Committee on 10/4/2012.

Confined space non-permit certificate, barricades and tags are in use and atmospheric monitoring in progress at the Excavation at the GSUST Bank.

Safety Procedures & Practices:

Met with Craig Bellew and discussed the following:

Above observations and safety procedures and practices, site conditions, night shift safety personnel, safety committee topics, technical rescue protocol, emergency action plan, switch yard issues including fall protection policy.

Bill Bellew

10/8//2012

Signature

Date

EAST BAY SAFETY, Inc.

bill@eastbaysafety.com

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CONDITION OF CERTIFICATION BIO-2

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

Biological Resources
Construction Monitoring for the
Los Esteros Critical Energy Facility

MONTHLY COMPLIANCE REPORT #16

October 2012

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Los Esteros Critical Energy Facility
MONTHLY COMPLIANCE REPORT

October 2012

TABLE OF CONTENTS

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APPENDICES

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

INTRODUCTION

Los Esteros Critical Energy Facility LLC (the Applicant) obtained a license from the California Energy Commission (CEC) for continued operation of Phase 1 of the Los Esteros Critical Energy Facility (LECEF or the project) located in San Jose, Santa Clara County, California. Phase 1 is a nominal 180 megawatt (MW) natural-gas-fired peaking power plant consisting of four simple-cycle combustion turbine generators and associated equipment. The license also authorizes conversion of the peaker power plant to combined-cycle operation. The combined-cycle conversion will involve the addition of four heat recovery steam generators (HRSG), one steam-turbine generator (STG), a six-cell, plume-abated cooling tower, and ancillary equipment to the LECEF for a total combined nominal generating capacity of 320 MW.

The Applicant originally applied for a CEC license for Phase 1 of the LECEF in August 2001, under the expedited licensing provision promulgated under California Public Resources Code (PRC) §25552. The CEC granted the Phase 1 license in August 2002, and the LECEF was constructed and became operational in March 2003. The purpose of the Phase 2 CEC Application for Certification (AFC) was to meet the requirement of PRC §25552 by recertifying (relicensing) Phase 1 and certifying Phase 2 conversion to combined-cycle, which will allow the project to achieve much higher efficiency in generating power.

As licensed and constructed, the 21-acre LECEF Phase 1 site currently consists of the following features:

- Four GE LM6000 SPRINT combustion turbine generators (CTG) with water injection
- Oxidation catalysts and selective catalytic reduction (SCR) pollution control equipment, installed within four HRSG casings and stacks (these casings were installed during Phase 1 in anticipation of Phase 2)
- A 115-kilovolt (kV) switchyard
- A 150-foot-long, wood pole transmission line to Pacific Gas and Electric Company's (PG&E) 115-kV Los Esteros-Nortech transmission line, immediately to the west of the LECEF switchyard
- A 2,700-foot-long primary access road, named Thomas Foon Chew Way, linking LECEF with Zanker Road
- A 470-foot-long emergency access road, linking Thomas Foon Chew Way and Alviso-Milpitas Road
- A 55-foot-long, 10-inch-diameter natural gas supply line between the facility and PG&E lines 101 and 109
- Two 1,500-foot-long recycled water supply lines between the facility and the City of San Jose (the City) Waste Pollution Control Plant's (WPCP) recycled water supply pipeline in Zanker Road

- A 2,000-foot-long sanitary sewer discharge line to the City's sewer main in Zanker Road
- A 1,000-foot-long stormwater line between the LECEF and the Coyote Creek flood control channel to the east. Installation of a permanent stormwater outfall, which extended the Phase 1 temporary outfall 250 feet to the low flow channel was completed in accordance with CEC licensing requirements (Phase 1) and other permit conditions (including permits from U.S. Army Corps of Engineers [USACE], Regional Water Quality Control Board [RWQCB], and California Department of Fish and Game [CDFG]) in October 2008.
- A 370-horsepower diesel fire pump

Phase 2 of the project will add the following major equipment to the Phase 1 facility:

- HRSGs tube sections and associated steam drums and piping, to be installed within and around the existing HRSG casings
- HRSG duct burners
- A six-cell, plume-abated cooling tower
- A nominal 140 MW STG
- Circulating water pumps and boiler feedwater pumps
- A deaerating surface condenser
- A second ammonia storage tank to be installed in the existing secondary containment basin
- A 230-kV underground transmission connection to the adjacent Silicon Valley Power (SVP) 230-kV Switching Station through two 115:230-kV transformers

The Project Owner owns the 34-acre project parcel on which the LECEF Phase 1/Phase 2 facilities and temporary construction parking and laydown area are situated. All Phase 2 infrastructure (including HRSGs, STGs, cooling towers, storage tanks, various pumps, and 230-kV connection) will be sited entirely within the existing fenced Phase 1 site. The 13-acre temporary construction parking and laydown area required during Phase 2 construction is located immediately south of LECEF and north of Ranch Drive. The parking and laydown area was also used for parking and laydown during Phase 1 construction. On November 3, 2010, CH2MHILL conducted a reconnaissance of the temporary work area and noted that the site had gone fallow by ruderal grassland species with evidence of routine disking.

A supplement to the Phase 1 Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) for the LECEF (Phase 2) in the form of a technical memorandum was prepared in December 2010 as required under the conditions of certification (COCs) of the CEC license for Phase 2. The purpose of the Phase 1 BRMIMP was to ensure that actions authorized, funded, or carried out by state or federal lead agencies were not likely to jeopardize the continued existence of endangered, threatened or other special-status species. The BRMIMP described mitigation measures and guidance to protect biological resources within the Phase 1 project area. The technical memorandum reviews the existing BRMIMP, identifies potential sensitive biological resources that may occur in the proposed project area, describes the current applicability of elements of the original BRMIMP in light of the new Phase 2 license and its conditions of certification, and discusses the mitigation measures that will be implemented to

avoid and minimize impacts to sensitive biological resources during Phase 2 construction and operation. Any deficiencies in the original BRMIMP are resolved in the amendment document to comply with the new conditions of certification.

Sensitive resources that may be encountered during Phase 2 construction are limited to potential habitat for ground-nesting birds including, but not limited to, burrowing owl. The 13-acre temporary parking and laydown area is the only construction area supporting potential habitat; however routine disking that may be occurring there significantly reduces its suitability as nesting habitat. With the exception of the temporary parking and laydown area, all Phase 2 construction will take place within the existing facility footprint. As a result many of the measures and conditions included in the original BRMIMP for Phase 1 are not applicable to Phase 2.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Protection measures were developed during informal and formal consultation with local, state, and federal agencies to minimize unavoidable project impacts. The Designated Biologist (DB) and/or Biological Monitor (BM) will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the BRMIMP and supplemental memo. The following report includes a summary of the Phase 2 monitored biological activities for October 2012 (October 1 to October 31).

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

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

Conditions of Certification (COC)

All COC's were in compliance for the month of October. The following COC's, BIO-2, 4, 8, and 11, were applicable compliance measures for the month of October 2012 and require specific language to be included in each monthly compliance report. Therefore each is addressed separately below.

BIO-2. States that implementation of BRMIMP measures shall be reported in the monthly compliance reports by the DB (i.e., survey results, construction activities that were monitored, species observed). This written monthly report was prepared by the DB for the month of October and identifies survey results and construction activities (see General Notes and Observations section below) and species observed (Appendix A).

BIO-4. States that every worker will attend and participate in the Worker Environmental Awareness Program (WEAP) and the DB and/or BM make weekly site visits to ensure that BIO-4 was in compliance. During the month of October DB Todd Ellwood and BM Danielle Tannourji verified project compliance with BIO-4.

BIO-8. Addresses the implementation and application of biological impact and avoidance measures, Best Management Practices (BMPs), Stormwater Pollution Prevention Plan (SWPPP), and staking and flagging of exclusion zones of biological resources. Also, every worker must participate in the WEAP and the DB and/or BM are to make weekly site visits to ensure that BIO-8 was in compliance during the month of October. During the month of October the DB and BM Danielle Tannourji verified project compliance with BIO-8.

BIO-11. Requires that preconstruction surveys be conducted for Western burrowing owl (BUOW) for all project components (i.e., facility and laydown areas) no less than 15-days and no more than 20-days prior to the initiation of construction on each project component. Written reports summarizing results will be sent to CEC Compliance Project Manager (CPM) and California Department of Fish and Game (CDFG). Surveys for BUOW were performed during April and submitted as required in anticipation of a May 11th construction start date. The DB performed preconstruction surveys on April 29, 2011 for the project site and surrounding areas following standard survey techniques for the species. No BUOW or any potential burrow sites were observed during the preconstruction survey. A written report summarizing the results of the surveys was sent to the CPM and CDFG.

The DB and/or BM made biweekly site visits to ensure that BIO-11 remained in compliance during the month of October. The DB and BM continued searches for owl use at the two small mammal burrows located immediately adjacent to the project's temporary parking area as described in the December 2011 report. During two extended surveys on December 28, 2011 and December 30, 2011, no owl sign or activity was observed at the burrows; therefore the burrows were determined to be unoccupied by burrowing owls. As a preventative measure against future use, in January 2012 the BM installed one-way doors at the two burrow sites. No sign or activity of burrowing owls was observed in October 2012 at either of the burrows.

SUMMARY OF SITE ACTIVITIES

This section provides a summary of October 2012 project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. Representative photographs of construction activities are included in Appendix B. No wildlife encounters occurred during October 2012. The BM Danielle Tannourji completed logs summarizing activities, personal interactions, and observations made during each site visit.

Site Construction

Construction in October included continued reconstruction of the existing HRSGs and related equipment, installation of the cooling towers, underground piping and conduit installation, and trenching and backfilling of excavations. In addition construction of the underground transmission line from the LECEF Phase 1 switchyard to the PG&E substation to the north of LECEF continued. Monitoring visits by the DB and/or BM were conducted biweekly to document permit compliance. The DB and BM were on-call all other times during the month.

Worker Environmental Awareness Training Program

The Worker Environmental Awareness Program (WEAP) was developed exclusively for the LECEF Phase 2 project. Program materials include a worker handbook, training video, posted speed limit signs and sensitive species awareness supporting posters. As required by COC BIO-4, all new employees must attend the WEAP training. A total of 269 personnel received WEAP training in October. The Calpine Safety Supervisor administered the WEAP training to new employees. Signed affidavits are kept on file by the Calpine Safety Supervisor in the site trailer.

General Daily Notes and Observations

Most of the construction is located within the fence line of the LECEF Phase 1 power plant site; however, the temporary parking lot continues to be used for worker parking and additional staging of equipment and materials. Since site construction was mostly within the fence line of the existing plant, monitoring has been reduced to every other week with weekly check-in calls. The DB and/or BM covered project biological oversight. Monitoring of the site and the staging area was conducted on October 10, October 26, and October 31 to ensure all compliance with all biological resources COCs. The monitoring efforts for October are documented below. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On October 10, BM Danielle Tannourji was on site to monitor construction activities and staging at the temporary parking lot. Ongoing site activities included continued installation of the cooling towers, underground piping and conduit installation, and construction of various above ground infrastructure. Hand excavation at the PG&E substation for completion of the underground transmission line occurred. Staging at the parking lot was ongoing with no biological issues noted. The road sweeper and water truck were used periodically throughout the site and the parking lot area, respectively. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On October 26, BM Danielle Tannourji was on site to monitor construction activities and staging at the temporary parking lot. Ongoing site activities included continued installation of the cooling towers, underground piping and conduit installation, and construction of various above ground infrastructure. Hand excavation was wrapping up at the underground transmission line site. Staging at the parking lot was ongoing with no biological issues noted. The road sweeper and water truck were used periodically throughout the site and the parking lot area, respectively. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On October 31, BM Danielle Tannourji was onsite to conduct a survey of the ruderal area located immediately adjacent to the LECEF Phase II temporary parking lot. The survey occurred in anticipation that Calpine would disk their property for fire prevention, which has occurred for the life of LECEF Phase I. No sensitive biological resources (e.g., burrowing owl) were observed during the survey.

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

Cumulative Wildlife Species Observed in or Near the LECEF Project Area

Common Name	Scientific Name	Comments
BIRDS		
Great blue heron	<i>Ardea herodias</i>	Fly over
Great egret	<i>Ardea alba</i>	Fly over
Snowy egret	<i>Egretta thula</i>	Fly over
Turkey vulture	<i>Cathartes aura</i>	Fly over
Red-tailed hawk	<i>Buteo jamaicensis</i>	Fly over
Rock pigeon (<i>Exotic</i>)	<i>Sterna fosteri</i>	Facility and laydown area
Mourning dove	<i>Streptopelia decaocto</i>	Facility and laydown area
Barn owl	<i>Tyto alba</i>	Facility
Anna's hummingbird	<i>Calypte anna</i>	Laydown area
Black phoebe	<i>Sayornis nigricans</i>	Facility and laydown area
California towhee	<i>Melospiza crissalis</i>	Facility and laydown area
Western scrub-jay	<i>Aphelocoma californica</i>	Facility and laydown area
American crow	<i>Corvus brachyrhynchos</i>	Facility and laydown area
Common raven	<i>Corvus corax</i>	Facility and laydown area
Tree swallow	<i>Tachycineta bicolor</i>	Facility and laydown area
Northern mockingbird	<i>Mimus polyglottos</i>	Facility and laydown area
European starling (<i>Exotic</i>)	<i>Sturnus vulgaris</i>	Facility and laydown area
Song sparrow	<i>Melospiza melodia</i>	Facility and laydown area
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	Facility and laydown area
Red-winged blackbird	<i>Agelaius phoeniceus</i>	Facility and laydown area
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	Facility and laydown area
Western Meadowlark	<i>Sturnella neglecta</i>	Facility and laydown area
House finch	<i>Carpodacus mexicanus</i>	Facility and laydown area
REPTILES		
Gopher snake	<i>Pituophis catenifer catenifer</i>	Facility and laydown area
MAMMALS		
California vole	<i>Microtus californicus</i>	Facility and laydown area
Yuma myotis	<i>Myotis yumanensis</i>	Facility and laydown area
Botta's pocket gopher	<i>Thomomys bottae</i>	Facility and laydown area

Appendix B

Representative Photographs



#1. A view facing northwest of project site conditions at the southern portion of the LECEF site where the new cooling towers are being constructed. Photo was taken on October 10, 2012.



#2. A view facing northeast of project site conditions at the southern portion of the LECEF site where various above ground infrastructure is being constructed. Photo was taken October 10, 2012.



#3. A view facing north of the LECEF site from the southern access road of the reconstructed HRSGs. Photo was taken October 26, 2012.



#4. A view northwest of the PG&E substation located north of LECEF where transmission line construction (hand excavation) is occurring. Photo was taken on October 26, 2012.

CONDITION OF CERTIFICATION BIO-4

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

BIO-4:

Number of persons who have received WEAP training during the reporting period:

- ✓ 269
- ✓ Total to date = 1582 (As of October 31, 2012)

CONDITION OF CERTIFICATION BIO-20

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

BIO-20

Per BIO-20, the monthly compliance report shall include the number of possible speed limit violations.

There have been no speed limit violations

CONDITION OF CERTIFICATION CUL-2

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013									
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		
MILESTONES																				
CONTRACT MILESTONES																				
MILESTONES																				
MILESTONES																				
MS0100	WVOA AUTHORIZED / NETWORK BEGIN	0d	0d	100%	17-Jan-11 A															
MS0102	LIMITED NOTICE TO PROCEED	0d	0d	100%	03-Feb-11 A															
MS1000	SCHEDULED FULL NOTICE TO PROCEED	0d	0d	100%	15-Mar-11 A															
MS1096	MEANINGFUL CONSTRUCTION ACHIEVED	0d	0d	100%		23-Jun-11 A														
MS1085	NAT GAS AVAILABLE BY OWNER	0d	0d	0%	22-Jan-13		203d													
MS1090G	GUARANTEED SUBSTANTIAL COMPLETION (6-1-13)	0d	0d	0%		29-Jun-13*	-27d													
MS1090D	SUBSTANTIAL COMPLETION - EXHIBIT D (6-1-13)	0d	0d	0%		29-Jun-13	-27d													
PROJECT MILESTONES																				
MILESTONES																				
MILESTONES																				
MS0500	ENGR RELEASE	0d	0d	100%	03-Feb-11 A															
MS0104	MOBILIZE TO PROJECT SITE	0d	0d	100%	09-May-11 A															
MS1010	START CONSTRUCTION	0d	0d	100%	09-May-11 A															
MS1010A	START MEANINGFUL CONSTRUCTION	0d	0d	100%	23-May-11 A															
MS1095B	MEANINGFUL CONSTRUCTION UG CW PIPING	0d	0d	100%		17-Jun-11 A														
MS1095a	MEANINGFUL CONSTRUCTION COOLING TOWER	0d	0d	100%		23-Jun-11 A														
CS0CTWR1005	COOLING TOWER FNDN COMPLETE	0d	0d	100%		07-Oct-11 A														
CS0CTWR1020	COOLING TOWER ERECTION START	0d	0d	100%	12-Oct-11 A															
CS2RFF1	READY FOR RE-FIRE 3&2	0d	0d	0%		25-Feb-13	6d													
CS2RFF2	READY FOR RE-FIRE 4&1	0d	0d	0%		25-Feb-13	16d													
EP2106	STG INITIAL SYNC (First Roll)	0d	0d	0%		16-May-13	-27d													
MS9000	PROJECT DEMOBILIZATION	0d	0d	0%		12-Aug-13	0d													
CALPINE																				
CALPINE PROVIDED EQUIPMENT																				
LNTF APPENDIX SUBMITTALS / DELIVERABLES																				
CBO-California Building Reviews																				
ENGINEERING																				
CIVIL																				
DESIGN PACKAGES																				
CIVIL																				
ENGINEERING PACKAGES																				
GEOTECHNICAL INVESTIGATIONS, STUDIES, AND RECOMMENDATIONS																				
INITIAL SITE SURVEYING																				

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013								
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
CONSTRUCTION PACKAGES																			
GENERAL SITE WORK																			
MAJOR AND MISC STRUCTURAL CONCRETE																			
STRUCTURAL																			
DESIGN PACKAGES																			
OVERALL PROJECT MANAGEMENT/EXECUTION																			
STRUCTURAL																			
BULK MATERIALS AND ENGINEERED ITEMS																			
REINFORCING STEEL																			
EMBEDDED STEEL ITEMS																			
BALANCE OF PLANT STRUCTURAL STEEL																			
PACKAGED STEAM BOILERS																			
CHEMICAL FEED SKIDS																			
SHOP FABRICATED PRESSURE VESSELS																			
SHOP FABRICATED VESSELS - ATMOSPHERIC																			
AQUEOUS AMMONIA STORAGE																			
DUCTBURNER FILTER SEPRATOR																			
OILY WATER SEPARATOR																			
BOILER FEEDWATER PUMPS																			
CLOSED COOLING WATER HEAT EXCHANGERS																			
CONDENSATE PUMPS																			
VERTICAL SUMP PUMPS																			
FUEL GAS COMPRESSORS																			
CW PUMPS																			
POWER DISTRIBUTION CENTERS (PDC'S)																			
CONSTRUCTION PACKAGES																			
MAJOR AND MISC STRUCTURAL CONCRETE																			
PAINTIING AND COATING SYSTEMS																			
HRSG & CONDENSER EQUIPMENT ERECTION																			
ARCHITECTURAL																			
CONSTRUCTION PACKAGES																			
PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES																			
PAINTIING AND COATING SYSTEMS																			
DESIGN MANAGEMENT																			
CONSTRUCTION PACKAGES																			
LEASING OF TEMPORARY OFFICE AND CRAFT FACILITIES (TRAILERS)																			
MECHANICAL																			
DESIGN PACKAGES																			
STRUCTURAL																			
MECHANICAL																			
BULK MATERIALS AND ENGINEERED ITEMS																			

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013							
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	PRECAST CONCRETE SUMPS																	
	PACKAGED STEAM BOILERS																	
	CHEMICAL FEED SKIDS																	
	SHOP FABRICATED PRESSURE VESSELS																	
	SHOP FABRICATED VESSELS - ATMOSPHERIC																	
	AQUEOUS AMMONIA STORAGE																	
	DUCTBURNER FILTER SEPRATOR																	
	OILY WATER SEPARATOR																	
	BOILER FEEDWATER PUMPS																	
	CLOSED COOLING WATER HEAT EXCHANGERS																	
	CONDENSATE PUMPS																	
	VERTICAL SUMP PUMPS																	
	FUEL GAS COMPRESSORS																	
	CW PUMPS																	
	CONTROL VALVES - OTHER VALVES																	
	BYPASS VALVES																	
	CONSTRUCTION PACKAGES																	
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES																	
	HRSG & CONDENSER EQUIPMENT ERECTION																	
	STG & BOP EQUIPMENT ERECTION																	
	ABOVE GROUND FIRE PROTECTION SYSTEMS																	
	START UP AND COMMISSIONING PACKAGES																	
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING																	
	STEAM CYCLE AIR/STEAM BLOW																	
	PERFORMANCE/RELIABILITY TESTING																	
	PIPING																	
	DESIGN PACKAGES																	
	OVERALL PROJECT MANAGEMENT/EXECUTION																	
	PIPING																	
	ENGINEERING PACKAGES																	
	HIGH ENERGY PIPING SYSTEM DESIGN																	
	BULK MATERIALS AND ENGINEERED ITEMS																	
	CATHODIC PROTECTION SYSTEMS																	
	UNDERGROUND PIPING - CS/SS BULKS																	
	UNDERGROUND PIPING - HIGH DENSITY POLYETHYLENE (HDPE)																	
	UNDERGROUND PIPING - CIRCULATING WATER																	
	SHOP FABRICATED PIPING BOP LB																	
	SHOP FABRICATED PIPING BOP SB																	
	SHOP FABRICATED CRITICAL PIPING LB																	
	LARGE, HIGH PRESSURE, MOTOR OPERATED VALVES (MOV'S)																	
	VALVES - CRITICAL STEAM (LARGE BORE, MANUAL, ALLOY)																	

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013									
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		
	VALVES - MANUAL (BALL, GATE, GLOBE, CHECK, ETC.)																			
	ENGINEERED PIPE SUPPORTS																			
	NON-ENGINEERED PIPE SUPPORTS																			
	SAFETY SHOWERS AND EYE WASH STATIONS																			
	STRAINERS - SELF CLEANING																			
	STRAINERS - SIMPLEX AND DUPLEX																			
	SHOP FABRICATED CRITICAL PIPING SB																			
	SPECIALITY ITEMS																			
	CONSTRUCTION PACKAGES																			
	PAINTING AND COATING SYSTEMS																			
	EQUIPMENT AND PIPE INSULATION / HEAT TRACE																			
	UNDERGROUND PIPING SYSTEMS																			
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM																			
ELECTRICAL																				
	DESIGN PACKAGES																			
	ELECTRICAL																			
	BULK MATERIALS AND ENGINEERED ITEMS																			
	REINFORCING STEEL																			
	PACKAGED STEAM BOILERS																			
	CHEMICAL FEED SKIDS																			
	DUCTBURNER FILTER SEPRATOR																			
	OILY WATER SEPARATOR																			
	BOILER FEEDWATER PUMPS																			
	CONDENSATE PUMPS																			
	VERTICAL SUMP PUMPS																			
	FUEL GAS COMPRESSORS																			
	CW PUMPS																			
	4160V SWITCHGEAR AND MOTOR CONTROL CENTERS (MCC'S)																			
	480V MOTOR CONTROL CENTERS (MCC'S)																			
	480V SWITCHGEAR																			
	15Kv BUS DUCT																			
	125V DC BATTERY CHARGERS AND BATTERIES																			
	UNINTERRUPTIBLE POWER SUPPLY (UPS)																			
	PROTECTIVE RELAY PANELS																			
	POWER DISTRIBUTION CENTERS (PDC'S)																			
	MEDIUM VOLTAGE WIRE AND CABLE																			
	CABLE TRAY																			
	LIGHTNING PROTECTION SYSTEMS																			
	CATHODIC PROTECTION SYSTEMS																			
	DISTRIBUTED CONTROL SYSTEMS (DCS'S)																			
	CONSTRUCTION PACKAGES																			

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013								
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
TEMPORARY ELECTRICAL																			
PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES																			
ABOVE GROUND FIRE PROTECTION SYSTEMS																			
EQUIPMENT AND PIPE INSULATION / HEAT TRACE																			
UNDERGROUND ELECTRICAL SYSTEMS																			
ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS																			
GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL																			
START UP AND COMMISSIONING PACKAGES																			
ELECTRICAL SYSTEM TESTING																			
INSTRUMENTATION & CONTROLS																			
DESIGN PACKAGES																			
MECHANICAL																			
INSTRUMENTATION & CONTROLS																			
BULK MATERIALS AND ENGINEERED ITEMS																			
DISTRIBUTED CONTROL SYSTEMS (DCS'S)																			
SAMPLE AND ANALYSIS PANELS																			
CONTINUOUS EMISSIONS MONITORING SYSTEMS (CEMS)																			
FIBER OPTIC CABLES																			
FIELD MOUNTED INSTRUMENTS																			
IN-LINE INSTRUMENTATION																			
LEVEL INSTRUMENTATION																			
SAFETY AND PRESSURE RELIEF VALVES																			
PROCESS CONTROL VALVES AND REGULATORS																			
CONTROL VALVES - BUTTERFLY																			
CONTROL VALVES - OTHER VALVES																			
ON-OFF VALVES - BALL VALVES (SEVERE SERVICE)																			
ON-OFF VALVES - BALL/GLOBE/GATE VALVES (GENERAL SERVICE)																			
No 417531-13-PROC PKG																			
ENGINEERING																			
TRANSMISSION, DISTRIBUTION & SWITCHYARD																			
ENGINEERING PACKAGES																			
ELECTRICAL SWITCHYARD DESIGN																			
CONSTRUCTION PACKAGES																			
ELECTRICAL SWITCHYARD AND TRANSMISSION SYSTEMS (FURNISH AND ERECT)																			
PROCUREMENT																			
PURCHASING																			
ENGINEERING PACKAGES																			
INITIAL SITE SURVEYING																			
HIGH ENERGY PIPING SYSTEM DESIGN																			
BULK MATERIALS AND ENGINEERED ITEMS																			

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013										
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug			
	PROCUREMENT																				
	REINFORCING STEEL																				
	EMBEDDED STEEL ITEMS																				
	BALANCE OF PLANT STRUCTURAL STEEL																				
	PRECAST CONCRETE SUMPS																				
	PACKAGED STEAM BOILERS																				
	CHEMICAL FEED SKIDS																				
	SHOP FABRICATED PRESSURE VESSELS																				
	SHOP FABRICATED VESSELS - ATMOSPHERIC																				
	AQUEOUS AMMONIA STORAGE																				
	DUCTBURNER FILTER SEPRATOR																				
	OILY WATER SEPARATOR																				
	BOILER FEEDWATER PUMPS																				
	CLOSED COOLING WATER HEAT EXCHANGERS																				
	CONDENSATE PUMPS																				
	VERTICAL SUMP PUMPS																				
	FUEL GAS COMPRESSORS																				
	CW PUMPS																				
	4160V SWITCHGEAR AND MOTOR CONTROL CENTERS (MCC'S)																				
	480V MOTOR CONTROL CENTERS (MCC'S)																				
	480V SWITCHGEAR																				
	15Kv BUS DUCT																				
	125V DC BATTERY CHARGERS AND BATTERIES																				
	PROTECTIVE RELAY PANELS																				
	POWER DISTRIBUTION CENTERS (PDC'S)																				
	MEDIUM VOLTAGE WIRE AND CABLE																				
	CABLE TRAY																				
	LIGHTNING PROTECTION SYSTEMS																				
	CATHODIC PROTECTION SYSTEMS																				
	HIGH VOLTAGE CIRCUIT BREAKERS																				
	HIGH VOLTAGE MINOR MATERIALS																				
	HIGH VOLTAGE CABLE																				
	DISTRIBUTED CONTROL SYSTEMS (DCS'S)																				
	SAMPLE AND ANALYSIS PANELS																				
	CONTINUOUS EMISSIONS MONITORING SYSTEMS (CEMS)																				
	FIELD MOUNTED INSTRUMENTS																				
	IN-LINE INSTRUMENTATION																				
	SAFETY AND PRESSURE RELIEF VALVES																				
	PROCESS CONTROL VALVES AND REGULATORS																				
	CONTROL VALVES - BUTTERFLY																				
	ON-OFF VALVES - BALL VALVES (SEVERE SERVICE)																				

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013								
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
	BYPASS VALVES																		
	UNDERGROUND PIPING - CS/SS BULKS																		
	UNDERGROUND PIPING - HIGH DENSITY POLYETHYLENE (HDPE)																		
	UNDERGROUND PIPING - CIRCULATING WATER																		
	SHOP FABRICATED PIPING BOP LB																		
	SHOP FABRICATED PIPING BOP SB																		
	SHOP FABRICATED CRITICAL PIPING LB																		
	LARGE, HIGH PRESSURE, MOTOR OPERATED VALVES (MOV'S)																		
	VALVES - CRITICAL STEAM (LARGE BORE, MANUAL, ALLOY)																		
	VALVES - MANUAL (BALL, GATE, GLOBE, CHECK, ETC.)																		
	ENGINEERED PIPE SUPPORTS																		
	NON-ENGINEERED PIPE SUPPORTS																		
	NON-METALLIC EXPANSION JOINTS																		
	SAFETY SHOWERS AND EYE WASH STATIONS																		
	STRAINERS - SELF CLEANING																		
	STRAINERS - SIMPLEX AND DUPLEX																		
	SHOP FABRICATED CRITICAL PIPING SB																		
	SPECIALITY ITEMS																		
	CONSTRUCTION PACKAGES																		
	LEASING OF TEMPORARY OFFICE AND CRAFT FACILITIES (TRAILERS)																		
	LEASING OF CONSTRUCTION WASTE DUMPSTERS INCL. DISPOSAL																		
	LEASING OF CONSTRUCTION WASTE RECYCLING CONTAINERS AND SALE OF RECYCLED MATERIALS																		
	LEASING OF TEMPORARY CHEMICAL TOILETS AND HANDWASH STATIONS (RENTAL AND SERVICE)																		
	LEASING OF SITE PERSONNEL VEHICLES																		
	LEASING OF FORKLIFT FOR WAREHOUSE OPERATIONS																		
	DIGITAL CAMERA AND SUPPLIES																		
	LYNX DIGITAL PHOTOGRAPHY MANAGEMENT SOFTWARE																		
	FIRST AID CABINETS AND SUPPLIES																		
	PROJECT SIGN																		
	SAFETY SIGNAGE AND BANNERS																		
	PROJECT DIRECTIONAL SIGNAGE																		
	TEMPORARY GUARD SHACK																		
	FIRE PROTECTION EQPT AND SUPPLIES																		
	TEMPORARY ELECTRICAL																		
	MISCELLANEOUS WAREHOUSE SUPPLIES (TARPS, DUNNAGE, TAPE, ETC)																		
	TEMPORARY SITE SECURITY FENCEING AND GATES																		
	SITE SECURITY SERVICES																		
	CONSTRUCTION SURVEYING SUPPORT																		
	CONSTRUCTION MATERIALS INSPECTIONS AND TESTING																		
	CONSTRUCTION SCAFFOLDING, TEMPORARY STAIRS AND WALKWAYS																		
	HAZARDOUS SOILS TESTING SERVICES																		

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013								
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
	HAZARDOUS SOILS EXCAVATION AND HANDLING																		
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES																		
	No 417531-13-PROC PKG																		
	PROCUREMENT																		
	SUBCONTRACTING																		
	CONSTRUCTION PACKAGES																		
	GENERAL SITE WORK																		
	MAJOR AND MISC STRUCTURAL CONCRETE																		
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES																		
	PAINTING AND COATING SYSTEMS																		
	HRSG & CONDENSER EQUIPMENT ERECTION																		
	STG & BOP EQUIPMENT ERECTION																		
	ABOVE GROUND FIRE PROTECTION SYSTEMS																		
	EQUIPMENT AND PIPE INSULATION / HEAT TRACE																		
	UNDERGROUND PIPING SYSTEMS																		
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM																		
	ABOVE GROUND BALANCE OF PLANT PIPING																		
	NON DESTRUCTIVE TESTING																		
	UNDERGROUND ELECTRICAL SYSTEMS																		
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS																		
	ELECTRICAL SWITCHYARD AND TRANSMISSION SYSTEMS (FURNISH AND ERECT)																		
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL																		
	START UP AND COMMISSIONING PACKAGES																		
	START-UP CRAFT SUPPORT LABOR																		
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING																		
	STEAM CYCLE AIR/STEAM BLOW																		
	ELECTRICAL SYSTEM TESTING																		
	MATERIAL CONTROL																		
	BULK MATERIALS AND ENGINEERED ITEMS																		
	EMBEDDED STEEL ITEMS																		
	PACKAGED STEAM BOILERS																		
	CHEMICAL FEED SKIDS																		
	SHOP FABRICATED PRESSURE VESSELS																		
	SHOP FABRICATED VESSELS - ATMOSPHERIC																		
	AQUEOUS AMMONIA STORAGE																		
	DUCTBURNER FILTER SEPRATOR																		
	OILY WATER SEPARATOR																		
	BOILER FEEDWATER PUMPS																		
	CLOSED COOLING WATER HEAT EXCHANGERS																		
	CONDENSATE PUMPS																		
	VERTICAL SUMP PUMPS																		

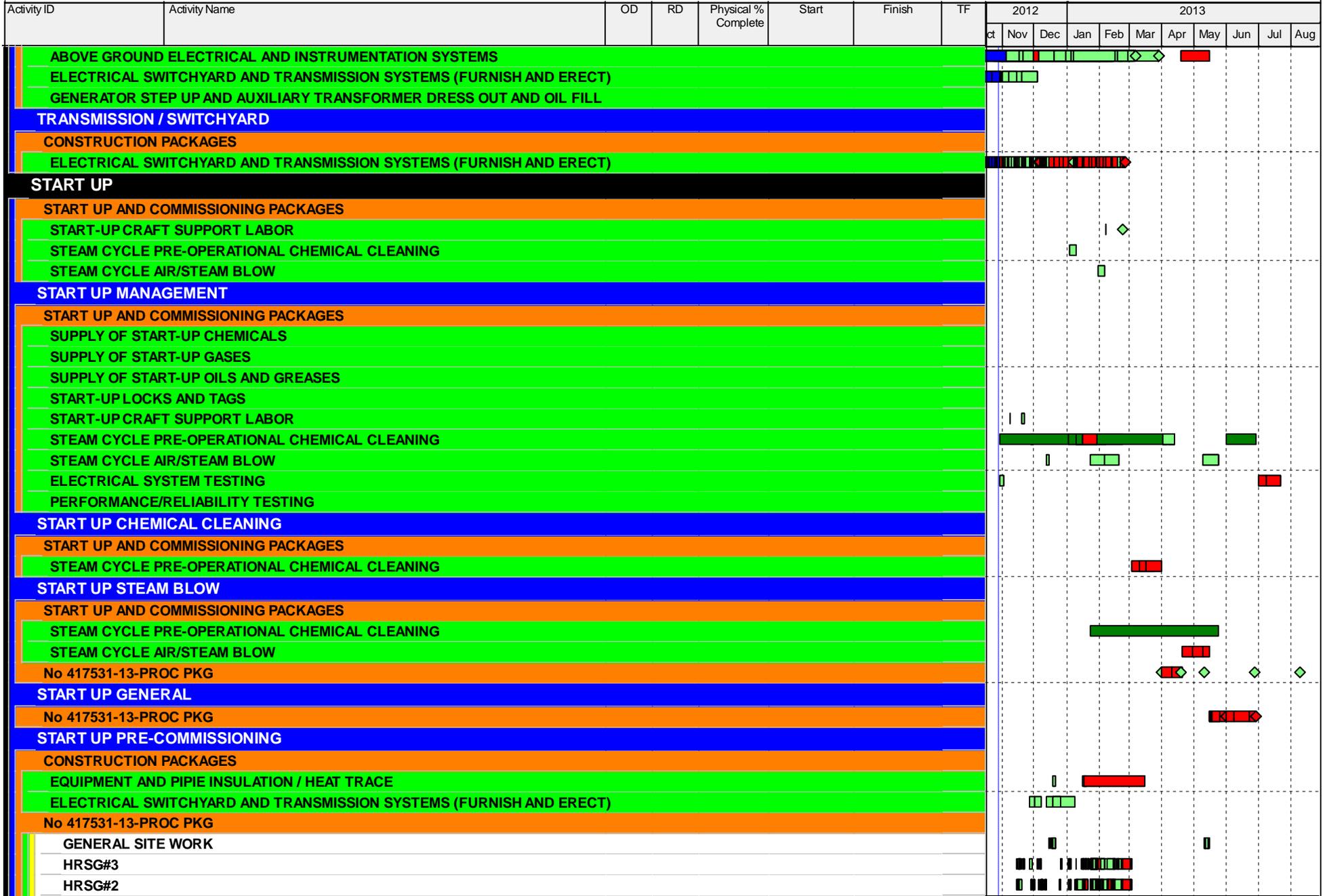
Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013								
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
	FUEL GAS COMPRESSORS																		
	CW PUMPS																		
	15Kv BUS DUCT																		
	PROTECTIVE RELAY PANELS																		
	POWER DISTRIBUTION CENTERS (PDC'S)																		
	MEDIUM VOLTAGE WIRE AND CABLE																		
	CABLE TRAY																		
	LIGHTNING PROTECTION SYSTEMS																		
	CATHODIC PROTECTION SYSTEMS																		
	DISTRIBUTED CONTROL SYSTEMS (DCS'S)																		
	SAMPLE AND ANALYSIS PANELS																		
	CONTINUOUS EMISSIONS MONITORING SYSTEMS (CEMS)																		
	FIELD MOUNTED INSTRUMENTS																		
	IN-LINE INSTRUMENTATION																		
	SAFETY AND PRESSURE RELIEF VALVES																		
	PROCESS CONTROL VALVES AND REGULATORS																		
	CONTROL VALVES - BUTTERFLY																		
	ON-OFF VALVES - BALL VALVES (SEVERE SERVICE)																		
	BYPASS VALVES																		
	UNDERGROUND PIPING - CS/SS BULKS																		
	UNDERGROUND PIPING - HIGH DENSITY POLYETHYLENE (HDPE)																		
	UNDERGROUND PIPING - CIRCULATING WATER																		
	SHOP FABRICATED PIPING BOP LB																		
	SHOP FABRICATED PIPING BOP SB																		
	SHOP FABRICATED CRITICAL PIPING LB																		
	LARGE, HIGH PRESSURE, MOTOR OPERATED VALVES (MOV'S)																		
	VALVES - CRITICAL STEAM (LARGE BORE, MANUAL, ALLOY)																		
	VALVES - MANUAL (BALL, GATE, GLOBE, CHECK, ETC.)																		
	ENGINEERED PIPE SUPPORTS																		
	NON-ENGINEERED PIPE SUPPORTS																		
	SAFETY SHOWERS AND EYE WASH STATIONS																		
	STRAINERS - SIMPLEX AND DUPLEX																		
	SHOP FABRICATED CRITICAL PIPING SB																		
	SPECIALITY ITEMS																		
	CONSTRUCTION PACKAGES																		
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES																		
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM																		
	No 417531-13-PROC PKG																		
	PROCUREMENT																		
	CONSTRUCTION																		
	CONSTRUCTION MANAGEMENT																		

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013							
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
UNDERGROUND PIPING SYSTEMS																		
ABOVE GROUND BALANCE OF PLANT PIPING																		
ELECTRICAL SWITCHYARD AND TRANSMISSION SYSTEMS (FURNISH AND ERECT)																		
No 417531-13-PROC PKG																		
PIPE RACK																		
STG ERECTION																		
CONSTRUCTION PACKAGES																		
STG & BOP EQUIPMENT ERECTION																		
No 417531-13-PROC PKG																		
STEAM TURBINE AREA																		
HRSG ERECTION																		
CONSTRUCTION PACKAGES																		
HRSG & CONDENSER EQUIPMENT ERECTION																		
BOP MECHANICAL																		
CONSTRUCTION PACKAGES																		
PAINTING AND COATING SYSTEMS																		
HRSG & CONDENSER EQUIPMENT ERECTION																		
STG & BOP EQUIPMENT ERECTION																		
ABOVE GROUND FIRE PROTECTION SYSTEMS																		
EQUIPMENT AND PIPE INSULATION / HEAT TRACE																		
MECHANICAL																		
CONSTRUCTION PACKAGES																		
GENERAL SITE WORK																		
STG & BOP EQUIPMENT ERECTION																		
ABOVE GROUND BALANCE OF PLANT PIPING																		
PIPING																		
CONSTRUCTION PACKAGES																		
TEMPORARY WATER AND SEWER																		
STG & BOP EQUIPMENT ERECTION																		
EQUIPMENT AND PIPE INSULATION / HEAT TRACE																		
UNDERGROUND PIPING SYSTEMS																		
UNDERGROUND CIRCULATION WATER PIPE SYSTEM																		
ABOVE GROUND BALANCE OF PLANT PIPING																		
ELECTRICAL / INSTRUMENTATION																		
CONSTRUCTION PACKAGES																		
TEMPORARY ELECTRICAL																		
HRSG & CONDENSER EQUIPMENT ERECTION																		
STG & BOP EQUIPMENT ERECTION																		
EQUIPMENT AND PIPE INSULATION / HEAT TRACE																		
UNDERGROUND ELECTRICAL SYSTEMS																		

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work



Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF	2012			2013									
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		
	HRSG#4																			
	HRSG#1																			
	STEAM TURBINE AREA																			
	BOP-HV/MV ELECT																			
	FUEL GAS AREA																			
	WTR TREATMENT AREA																			
	AQUA AMMONIA AREA																			
	CIRC WATER / COOLING TWR AREA																			
	NEW WAREHOUSE / OFFICE BLDG																			
	EXISTING CONTROL ROOM AND OFFICE BLDG																			
	BALANCE OF PLANT MISC.																			
	BOP-SECURITY/COMMUNICATION																			
	BOP-WASTE WTR																			
	BOP-PLANT AIR																			
	BOP-POTABLE WATER																			
	BOP-COMPRESSED GAS																			
	BOP-STEAM WATER PANEL																			
	PLANT COMMISSIONING/STARTUP																			
	SWITCHYARD																			
PROJECT SERVICES																				
PROJECT CONTROLS																				
CONSTRUCTION PACKAGES																				
	PAINIING AND COATING SYSTEMS																			
	ABOVE GROUND FIRE PROTECTION SYSTEMS																			
	EQUIPMENT AND PIPE INSULATION / HEAT TRACE																			
	ABOVE GROUND BALANCE OF PLANT PIPING																			
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL																			
START UP AND COMMISSIONING PACKAGES																				
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING																			
	STEAM CYCLE AIR/STEAM BLOW																			
	ELECTRICAL SYSTEM TESTING																			
QUALITY																				
CONSTRUCTION PACKAGES																				
	PAINIING AND COATING SYSTEMS																			
	ABOVE GROUND FIRE PROTECTION SYSTEMS																			
	EQUIPMENT AND PIPE INSULATION / HEAT TRACE																			
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM																			
	ABOVE GROUND BALANCE OF PLANT PIPING																			
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS																			
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL																			
START UP AND COMMISSIONING PACKAGES																				

Remaining Level of Effort
 Remaining Work
 Actual Work
 Critical Remaining Work

CONDITION OF CERTIFICATION CUL-4

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 10-31-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
JASON TRESSLER	<i>Jason Tressler</i>	DURAN & VENABLES
DONALD "DUPRE"	<i>Donald Dupre</i>	BM
MIKE WILLIS	<i>Michael Willis</i>	Neutron
Wesley Kyle	<i>Wesley Kyle</i>	Collins Electrical
GEORGE MUIA	<i>George Muia</i>	Neutron - substation
JAMES F. JACKS	<i>James F. Jacks</i>	HARDER
BYRON BRANBERRY	<i>Byron Branberry</i>	Harder
Rudolph BARKER	<i>Rudolph Barker</i>	HARDER
Gregory Dawson	<i>Gregory Dawson</i>	Harder
Mudika Camp	<i>Mudika Camp</i>	Neutron
IMRO SHAIR ALI	<i>Imro Shair Ali</i>	Harder.
DANIEL PETERS	<i>Daniel Peters</i>	AZCO
Gene Caddode	<i>Gene Caddode</i>	AZCO
TJ Wise	<i>TJ Wise</i>	AZCO
Carlos Vigil	<i>Carlos Vigil</i>	AZCO
Ken Wills	<i>Ken Wills</i>	AZCO
Gregory McHaley	<i>Gregory T. McHaley</i>	AZCO
S. WOLFEHAM MATTHEWS	<i>S. Wolfeham Matthews</i>	AZCO
IRANIS MASON	<i>Iranis Mason</i>	AZCO
Bruce Coron	<i>Bruce Coron</i>	AZCO
Ray Isle	<i>Ray D. Isle</i>	NCC
Greg Gorrion	<i>Greg Gorrion</i>	NCC

D'Amico Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 10-22-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
William Wagner	<i>William Wagner</i>	AZCO
Steve Stevenson	<i>Steve Stevenson</i>	AZCO
Don Higgins	<i>Donald W. Higgins</i>	Harder
MATTHEW STEVENS	<i>Matthew Stevens</i>	AZCO
JESSE HANEY	<i>Jesse Haney</i>	AZCO
DAN NIKELLI	<i>Dan Nikelli</i>	ALSTOM
Jesse Jackson	<i>Jesse Jackson</i>	ALSTOM
Stanford Sims	<i>Stanford Sims</i>	Harder
Kelley Eichelberger	<i>Kelley Eichelberger</i>	Harder
LARRY PLUMMER	<i>Larry Plummer</i>	AZCO
FRANK SCITZ	<i>Frank Scitz</i>	Harder
DAVID ANDREWS	<i>David Andrews</i>	HARDER
JACQUE JOHNSON	<i>Jacque Johnson</i>	NEUTRON
RITA INGRAM	<i>Rita Ingram</i>	AGATE / QCE
Bryan Krank	<i>Bryan Krank</i>	Harder
Ty SHAN	<i>Ty Shan</i>	AZCO
Roberto Cadenas	<i>Roberto Cadenas</i>	AZCO
Rafael Zenteno-Jacobs	<i>Rafael Zenteno-Jacobs</i>	AZCO
David K. Fletcher	<i>David K. Fletcher</i>	Harder
Phillip Billing	<i>Phillip Billing</i>	Harder
FRANK SICA	<i>Frank Sica</i>	HARDER
Fred Lehman	<i>Fred Lehman</i>	AZCO
JOE PIRIE	<i>Joe Pirie</i>	Harder INPI
ERNEST GOMEZ	<i>Ernest Gomez</i>	AZCO
JAMES BARR	<i>James Barr</i>	AZCO
MARK MEDLOCK	<i>Mark Medlock</i>	AZCO

Alton Wentel

Alton

St. 200 Pac

John BLAKE

John

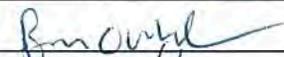
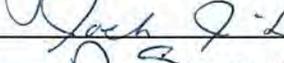
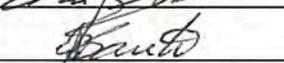
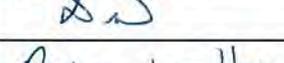
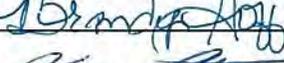
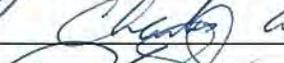
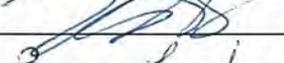
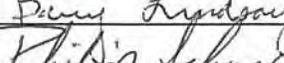
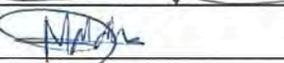
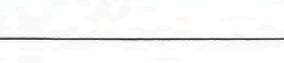
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D'Amico Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 10-17-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Ryan Casada		AZCO
Justin Houseman		AZCO
JOSH LEE		NEUTRON
Robert Sepulveda		newtron
RICHARD AYERS		Newtron
CHRIS GRUNDY		NEUTRON
Silvio Santo		PG&E
Bobby Porras		PG&E
LUDOVIC SALES		PG&E
Brandy Hoffman		LGC
Karin Atkinson		AZCO
Justin P. Mulford		AZCO
Jeffrey D. Young		AZCO
JAY GROH		NEUTRON
Charles ABC		AZCO
Mike Scoduto		Newtron
BARRY LINDSAY		NEUTRON
PHILIPP SCHWPP		VOGT POWER
Chris Hallvik		Newtron
DANIEL MALBUYO		AZCO
AARON DEMERS		AZCO

**D'Amico Los Esteros Critical Energy Facility, Phase 2
 WORKER AWARENESS ENVIRONMENTAL PROGRAM
 TRAINING SIGN-IN SHEET**
 (Biology, Archaeology, & Paleontology)

DATE: 10-15-12

PLEASE NOTE:

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Name (print)	Name (signature)	Company/Role
DAVID COLOMBO	<i>[Signature]</i>	Azco / P. Refitter
Charles Blackman	<i>Charles A Blackman</i>	AZCO /
SCOTT TREANOR	<i>Scott Treanor</i>	AZCO/WELDER
JAMES DUPRE	<i>James Dupre</i>	AZCO
ADAM VREELAND	<i>Adam Vreeland</i>	AZCO
James P. Wilson	<i>[Signature]</i>	AZCO
CHARLES TODD	<i>Charles Todd</i>	AZCO
Tim Jordan	<i>Tim Jordan</i>	AZCO/Fitter
Ed Biateddy	<i>Ed Biateddy</i>	AZCO
David Huntley	<i>[Signature]</i>	AZCO
Kenneth Adams	<i>Kenneth Adams</i>	AZCO
PETER WAGNER	<i>[Signature]</i>	PRYSMIAN
Ruddy Vazquez	<i>[Signature]</i>	Prysmian
Honny Vazquez	<i>[Signature]</i>	Prysmian
CORY HAMRICK	<i>[Signature]</i>	PRYSMIAN
Chuck Beitelspark	<i>Chuck Beitelspark</i>	CH2M Hill
Russ Thibodeaux	<i>[Signature]</i>	Azco / safety
Henry Dumas	<i>Henry Dumas</i>	Azco
Jeremiah Moon	<i>[Signature]</i>	AZCO
Wayne Fjogside	<i>Wayne Fjogside</i>	Azco
Steve Kascht	<i>Steve Kascht</i>	MN CORWAY
DEREK DURAN	<i>[Signature]</i>	AZCO
Dennis Lamonia	<i>[Signature]</i>	AZCO
Salvador Gutierrez	<i>[Signature]</i>	AZCO

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D'Amico Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 10-8-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Mike BEKER	<i>[Signature]</i>	HARDER/FITTER
Michael Stuart	<i>[Signature]</i>	HARDER/FITTER
DEREK DAVIS	<i>[Signature]</i>	LG / START UP
GREG STACHOWICZ	<i>[Signature]</i>	LG / START UP
Carol JONES	Carol Jones	Neutron / START UP
Andrel L. SAPP	Andrel L. Sapp Sr.	AZCO Fitter
FRED WALZ	<i>[Signature]</i>	HARDER
TED Jenkins	<i>[Signature]</i>	AZCO Fitter
Jason Gonzales	<i>[Signature]</i>	AZCO Fitter
Robert Hostetter	Robert Z. Hostetter	AZCO welder
Robert VAN EPS	Robert Van Epn	AZCO Fitter
Charles Scoggins	<i>[Signature]</i>	Physician
MICHAEL LATINO	Michael Latino	HARDER/FITTER
Rick Umlano	<i>[Signature]</i>	Harder/Welder
Daniel Puente	<i>[Signature]</i>	KIRK Erectors
ENRIQUE CASTILLO	<i>[Signature]</i>	KIRK Erectors
Chris Stafford	<i>[Signature]</i>	Redwood Painting
LORENZO PINTO	<i>[Signature]</i>	BRUSH (TA)
Brandon Cunliffe	<i>[Signature]</i>	Harder/Fitter
JEREMY JACKSON	<i>[Signature]</i>	HARDER/FITTER
Tim RYANIGAN	<i>[Signature]</i>	KIRK Erectors
DAVID S. BOND	<i>[Signature]</i>	AZCO Fitter/Welder
Scott Reese	<i>[Signature]</i>	HARDER/FITTER
Bryan Hemphill	Bryan Hemphill	AZCO welder

NAME

Signature

Company

DENNIS GINGER



NEUTROON

MARK KAZALONIS



AZCO

CEASAR CARRILLO



SUPER HEAT

FRANCISCO MARTINEZ



Powell

EDUCAN MARTINEZ



**D'Amico Los Esteros Critical Energy Facility, Phase 2
 WORKER AWARENESS ENVIRONMENTAL PROGRAM
 TRAINING SIGN-IN SHEET**
 (Biology, Archaeology, & Paleontology)

DATE: 10-3-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
KIRK HARLOW		AZCO
James Alexander		HARPER
Randy Quinn		AZCO
Norm Miller		HARPER
Chris Odom		LG
Basil Kimble		Newtron
Michael Kelley		Newtron
William Krug		Newtron
DAVID CLAYTON		SOUTHLAND IND.
Sean Bennett		Southland IND.
ALEJANDRO MARTINEZ		OVERAA
Angel Lemus		AZCO
Nate Wood		AZCO / SFW
JAMES DAVIS		AZCO / Supt.
JOSÉ DE LA CRUZ		newtron
John Lara		Newtron
Brendan Crahan		AZCO
Bryan Krank		AZCO
GERARDO LABRADA		DURAN & VENABLES
RICKY LOWE		AZCO
John HANSEN		AZCO
MARK WALTERMEYER		AZCO
Matthew Scottie		AZCO
DAVID STAMPS		CH2M HILL

STEVE DONALDSON		CH2M HILL
Lafayette Webb		Newtron
ALLEN R. OLTJENBRUNS		NEUTRON
Ray hat		newtron

Jeffrey M 4+2

Jeffrey M 4+2

NEUTRON

D'Amico Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 10-1-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
EDWARD GORDON	<i>[Signature]</i>	GROUNDMAN
Eric B. Davis	<i>[Signature]</i>	Prismian / JL
JAMES E. RILEY	<i>[Signature]</i>	Business Rep OE#3
MIKE WELTZ	<i>[Signature]</i>	BUSINESS REP OE#3
James Zacher	<i>[Signature]</i>	OVERIAA
Daniel Esparza	<i>[Signature]</i>	AZCO
Houston Gray	<i>[Signature]</i>	Newtron
Adam Montano	<i>[Signature]</i>	AZCO
STEVEN R POTTER	<i>[Signature]</i>	Operator
Calvin DAVID	<i>[Signature]</i>	Newtron
David G. Neverset	<i>[Signature]</i>	AZCO
Michael D Sowders	<i>[Signature]</i>	Prismian / Lineman
DIEGO RAMIREZ	<i>[Signature]</i>	BRAND / APPRENTICE
Tom STEWERT	<i>[Signature]</i>	AZCO / QC
Tracy Place	<i>[Signature]</i>	AZCO
Robert Wagner	<i>[Signature]</i>	AZCO
ANDERSON ROBERT P.	<i>[Signature]</i>	NEWTRON
Robert A. Lolarco	<i>[Signature]</i>	Parsons
KARL BAUMHECKEL	<i>[Signature]</i>	AZCO
BRET PARDEW	<i>[Signature]</i>	CALPINE
John P. Bernal	<i>[Signature]</i>	Prismian / J.L
Jacob Rippentroeger	<i>[Signature]</i>	AZCO / PF

CONDITION OF CERTIFICATION PAL-3

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
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PAL-3

Documentation for training of additional new employees shall be provided in subsequent Monthly Compliance Reports, as provided in the Certification of Completion WEAP form at the end of these conditions.

Documentation provided in CUL-4

CONDITION OF CERTIFICATION PAL-4

**Los Esteros Critical Energy Facility, Phase 2
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September 2012**

**Report of Paleontological Resources Compliance Activities for
Los Esteros Critical Energy Facility Phase 2- October 2012
(COC PAL-4)**

Prepared For: Sarah Madams/SAC

Prepared By: Levi Pratt, Staff Paleontologist/SAC
Geof Spaulding, PRS/LAS

Date: November 5, 2012

This report covers paleontological resources compliance activities at the LECEF for the period noted above, as required by Conditions of Certification PAL-4.

Training Conducted This Month

Construction personnel continue to receive the CEC approved Paleontological Resources Awareness Module of the Worker Environmental Awareness Program (WEAP) prior to working on this project (COC PAL-3).

Personnel On-Call for Paleontological Monitoring This Period

Jaspal Saini, Paleontological Resources Monitor (PRM)
Dr. Geof Spaulding, Project Paleontological Resources Specialist (PRS)

Monitoring and Associated Activities This Period

The *Supplement and Amendment to the PRMMP for the Los Esteros Critical Energy Facility* (May 2011) provides an updated paleontological sensitivity assessment of the project area, subsequent to the monitoring activities and additional paleontological studies that accompanied Phase 1. It concludes that no additional monitoring for paleontological resources is warranted for this project.

As a result of the low paleontological resources sensitivity of the project site, no paleontological resources monitoring has been conducted. The paleontological resources awareness module of WEAP will continue to be administered to all construction personnel before starting work at the site.

Anticipated Changes in the Next Period

No changes are anticipated at this time.

Comments, Issues or Concerns

None.

CONDITION OF CERTIFICATION SOCIO-1

**Los Esteros Critical Energy Facility, Phase 2
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SOCIO-1

Activities Report for SOCIO-1 – Work contracted to date utilizing Labor from the Bay Area:

- **Prysmian Power Cables** Electrical
- **Newtron Electric** Electrical
- **Bay Area Construction; dba Telecom Plus** Electrical
- **M.J. Electric** Underground Duct Bank/Temp Power
- **TELECOM/McClure Electric** Trailer City electrical and communication installation
- **MISSION CITY REBAR INC** Reinforcing Steel
- **Modular Space Corporation** Leasing Of Temporary Office And Craft Trailers
- **HOMESITE SERVICES INC** Leasing of Construction Waste Dumpsters
- **HANSON & FITCH INC** Leasing of Temporary Toilets and Hand Wash Stations
- **KIER & WRIGHT CIVIL ENGINEERS AND SURVEYORS, INC.** Construction Survey
- **TRC ENGINEERS INC** Construction Materials Inspections and Testing
- **JAN PRO COMMERCIAL CLEANING** Temporary Facilities (Trailers) Cleaning
- **TRC ENGINEERS INC.** Geotechnical Engineering and Hazardous Soils Testing
- **Construction Materials Testing** – Inspection Services
- **Central Concrete Supply** Ready Mix Concrete

- **C. Overaa & Co.** General Site Grading and Foundations
- **F-3** Surveyor
- **CASEY-FOGLI** Cement Finishing
- **CF&T** Concrete Pumping
- **DURAN & VENABLES** for all the excavating, backfilling
- **Harder Mechanical** CW Pipe Installation and HRSG Erection
- **North American Dismantling** Existing HRSG demolition
- **AZCO** Structural steel, balance of piping
- **Hanson CW Pipe** Mfg'd in Illinois because only supplier that could make Project Schedule delivery dates on site
- **To Be Awarded** Temporary Fencing
- No additional awards are currently forecasted

LECEF SOCIO-1

Date: October 29, 2012

EQUIPMENT / SERVICE DESCRIPTION	MANUFACTURER	LOCATION	COMMENTS
Field Office Trailer Furniture	RD Office Solution	Burlingame, CA	
Temporary Warehouse Facilities	Big Top Manufacturing	Perry, FL	
Pest Extermination Services	Western Exterminator Company	San Jose, CA	
Picnic Table for Craft Tent	ParkNPool Corporation	Lexington, VA	
Office Equipment Move	Speedy Movers	San Jose, CA	
Fire Extinguishers	Cintas Fire Protection	San Jose, CA	
Office Equipment Move	All Reasons	San Jose, CA	
S/U Safety Equipment	Kathco Products	Commerce, CA	CH2M HILL supplier on multiple projects
BWFP Consulting	Healy Engineering, Inc.	Milton, MA	CH2M HILL supplier on multiple projects
HEP Systems Design	Fronex Power Systems, LLC	Orangeburg, NY	CH2M HILL supplier on multiple projects
3rd Party Inspection at NuSteel	CWI Consultants, Inc.	Warrior, AL	CBO approved
QA/QC Inspection at Site	Project Management Quality Services, LLC	Oak, Island, NC	CH2M HILL supplier on multiple projects
3rd Party Inspection Construction Material	Construction Materials Testing, Inc.	Concord, CA	
3rd Party Inspection at NuSteel	Team Industrial Service	Daphne, AL	CBO approved
Reinforcing Steel Package	Mission City Rebar	Santa Clara, CA	
LECEF CT & STG Embeds	G2 Metal Fab	Livermore, CA	
BOP Structural Steel	Nu Steel Fabricators	Childersburg, AL	Parent Co: Kern Steel, Bakersfield, CA
Misc. BOP Structural Steel	Mountain States Steel	Lindon, UT	Recommended by Calpine
Sanitary Lift Stations	Triple D	Waco, TX	Only proposal received
Packaged Electric Steam Boiler	Precision Mfg. LLC	Morristown, TN	CH2M HILL supplier on multiple projects
Chemical Feed Skid	Reetex LTD	Hockley, TX	On Calpine AML
HRSB Blowdown Tank/Steam Drain & Ammonia Tanks	CH Murphy / Clark-Ullman	Portland, OR	On Calpine AML
Fuel Gas Conditioning Skid	Peerless Mfg. Co.	Dallas, TX	On Calpine AML
Turbine By-Pass & Spray Water Attemperation Valves	Control Components Inc.	Rancho Santa Margarita, CA	
Oily Water Separator	Highland Tank	Stoystown, PA	On Calpine AML
Boiler Feedwater Pumps	Flowserve	Madrid, Spain	On Calpine AML
Closed Cooling Tower Heat Exchanges	Alfa Laval	Richmond, VA	On Calpine AML
Condensate Pumps	Flowserve	Taneytown, MD	On Calpine AML
Vertical Sump Pump	Goulds Pumps	Seneca Falls, NY	On Calpine AML
Duplex Submersible Sump Pump	Roberts & Brune Company	Redwood City, CA	
Chemical Feed Containment Sump Pumps	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Fuel Gas Compressor	UE Compression	Oklahoma City, OK	On Calpine AML
Circulating Water Pumps	Flowserve	ECATEPEC, ESTADO DE MEXICO	On Calpine AML
Silencers	Penn Separator Corporation	Brookville, PA	On Calpine AML
Cold Reheat Relief Silencers	Peerless Mfg. Co.	Dallas, TX	On Calpine AML
480V Switchgear Replacement Parts	Powell Electrical Systems, Inc.	Houston, TX	On Calpine AML
15Kv Bus Duct	Powell / Delta Unibus	Northlake, IL	On Calpine AML
Power Distribution Center	Eaton Corporation	Moontownship, PA	On Calpine AML
Project Cable Tray	Anixter, Inc.	Dallas, TX	On Calpine AML
SS Nuts & Bolts / Cable Tray	Grainger, Inc.	Norcross, GA	CH2M HILL supplier on multiple projects
Cathodic Protection	Mesa Products	Tulsa, OK	On Calpine AML
SWYD – HV Circuit Breakers	Siemens Energy, Inc.	Wendell, NC	On Calpine AML
SWYD - Minor Materials	Dis-Tran Packaged Substations, LLC	Pineville, LA	CH2M HILL supplier on multiple projects
HV Relay Metering Panel	Electrical Power Products, Inc.	Des Moines, IA	On Calpine AML
All Project Cable	Houston Wire & Cable	Houston, TX	CH2M HILL supplier on multiple projects
Secondary Unit Substation	GexPro	Denver, CO	On Calpine AML
Distributed Control System	Emerson Process Mgmt.	Pittsburg, PA	On Calpine AML
Sample / Analysis Panel	Sentry Equipment Corp	OCONOMOWOC, WI	On Calpine AML

LECEF SOCIO-1

Date: October 29, 2012

EQUIPMENT / SERVICE DESCRIPTION	MANUFACTURER	LOCATION	COMMENTS
Continuous Emissions Monitoring	Cisco	Englewood, CO	On Calpine AML
Pressure Transmitters	Emerson / Rosemount	Chanhasen, MN	On Calpine AML
Pressure Gauges	Control Equipment Sales	Marietta, GA	Authorized Rep for AML
Level Switches	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Level Gauges & Instruments	Emerson / Rosemount and Applied Control	Pittsburgh, PA / Centennial, CO	On Calpine AML
Level Gauges & Instruments	Rosemount / Emerson	Chanhasen, MN	On Calpine AML
Guided Rave Radar Level Transmitter	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Test Thermowells	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Temperature Elements w/Thermowells	Sandelius	Houston, TX	On Calpine AML
Thermometers w/assoc. Thermowells	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Flow Nozzles, Elements & Orifices	Fluidic Techniques	Mansfield, TX	On Calpine AML
Analyses (Connectivity, ORP & Ammonia)	Scott Safety / c/o Oratech Controls	Brisban, CA	
Analyses (Connectivity, ORP & Ammonia)	Northwest Instruments and Controls	Ft. Collins, CO	
Turbine Flow Meter	FMC Technologies	Dallas, TX	Authorized Rep for AML
Pressure Relief Valves	Bay Valve Service	Seattle, WA	On Calpine AML
Modulating Globe Valves	Control Southern Inc.	Suwanee, GA	Authorized Rep for AML
Control Valves Butterfly	Control Southern Inc.	Suwanee, GA	Authorized Rep for AML
On-Off Valves	Severe Service Spec.	Trussville, AL	Authorized Rep for AML
Soft Seat Ball Valves	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Desuperheaters	Control Southern Inc.	Suwanee, GA	Authorized Rep for AML
Weather Station	Novalynx Corp	Auburn, CA	
Self Controlled Regulators	Control Southern Inc.	Suwanee, GA	Authorized Rep for AML
Circulating Water Pipe	Hanson Pipe & Precast	Grand Prairie, TX	Only supplier able to meet delivery
UG Pipe - CS/SS	Bakersfield Pipe & Supply	Bakersfield, CA	
UG Pipe - HDPE	ISCO Industries, LLC	Fayetteville, GA	Authorized Rep for AML
LB Critical Pipe -Fabrication	AZCO, Inc.	Kenosha, WI	On Calpine AML
LB Critical Pipe - Supply	Edgen Murray Corp.	Baton Rouge, LA	On Calpine AML
AWWA Butterfly Valves	Bray International Inc.	Houston, TX	On Calpine AML
Critical Valves	Flowserve US Inc.	Raleigh, NC	On Calpine AML
Metal Seated Valves	Severe Service Spec.	Trussville, AL	Authorized Rep for AML
Manual Values	Sunbelt Supply Co.	Houston, TX	Authorized Rep for AML
Manual Values	Ferguson Power Group	Louisville, KY	Authorized Rep for AML/National Agreement w/CH2M HILL
Manual Values	Valve Products Inc.	Tucker, GA	Authorized Rep for AML
Air Release / Air Vacuum Valves	Control Equipment Sales	Marietta, GA	Authorized Rep for AML
Engineered Pipe Supports	Lisega, Inc.	Kodak, TN	CH2M HILL supplier on multiple projects
Non Metallic Expansion Joints	General Rubber Corporation	Tucson, AZ	On Calpine AML
Safety Showers & Eye Wash Stations	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Piping Specialties - Steam Traps	Associated Flow Controls	San Ramon, CA	
Piping Specialties - Flexible Metallic Hose	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Piping Specialties - Hose Couplings	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Strainer - Simplex/Duplex	LC Associates	Spring, TX	On Calpine AML
Drain Hubs & Clean Outs	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Temporary Trailer Leasing	Modspace	Berwyn, PA	National Agreement w/CH2M HILL, supplied by local office
Leasing Of Constr. Waste Recycling Containers	*Republic Waste Services of Santa Clara County	Phoenix, AZ	*Name change From Allied Waste; contract w/City of San Jose

LECEF SOCIO-1

Date: October 29, 2012

EQUIPMENT / SERVICE DESCRIPTION	MANUFACTURER	LOCATION	COMMENTS
Misc. Equipment Rental - S/U	Intellirent Co., LTD	Roanoke, TX	CH2M HILL supplier on multiple projects
Misc. Equipment Rental - S/U	Technical Diagnostic Services	Ft. Worth, TX	CH2M HILL supplier on multiple projects
Bottled Water	Big Bear Distributing	Freedom, CA	
Security Services	The Landshire Group	Newark, CA	
Construction Material Inspection & Testing	Signet Testing Labs	Hayward, CA	
Dust Control / Water Truck	Broom Service Inc.	Cupertino, CA	
Sweeper Truck	Broom Service Inc.	Cupertino, CA	
O&M Manuals & Training	Tri-Tech Energy Services	Cumming, GA	CH2M HILL supplier on multiple projects
I&C/DCS Professional Services	ETEC Industrial Services	Portland, TX	CH2M HILL supplier on multiple projects

CONDITION OF CERTIFICATION TRANS-1

**Los Esteros Critical Energy Facility, Phase 2
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TRANS-1

Per TRANS-1, every two months during the construction period, the project owner shall monitor and report the turning movements and traffic volumes for the project access road during the AM (7 to 9 a.m). and PM (4 to 6 p.m.) peak hours to confirm construction trip generation rates.

Report was provided in last month's MCR.

CONDITION OF CERTIFICATION TRANS-2

**Los Esteros Critical Energy Facility, Phase 2
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TRANS-2

Per TRANS-2, the project owner shall submit copies of any oversize and overweight transportation permits received during that reporting period.

There were no oversized or overweight transportation permits required this month.

CONDITION OF CERTIFICATION TRANS-3

**Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #16
September 2012**

TRANS-3

Per TRANS-3, the project owner shall include in its Monthly Compliance Reports during construction copies of all permits and licenses acquired by the project owner concerning transport of hazardous materials and copies of written documentation to transporters indicating the preferred route for delivery of hazardous materials.

There were no permits or licenses required for this month.

CONDITION OF CERTIFICATION TRANS-4

**Los Esteros Critical Energy Facility, Phase 2
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TRANS-4

Work Done to Support *TRANS-4*:

- Craft parking lot completed in late June allowing construction workers to access the project from the 13-acre lay down area
- Construction workers are using McCarthy Road/Ranch Drive intersection to travel to and from the project site
- Gravel roadway placed to support construction worker vehicle traffic entering the project site K-rails installed to protect workers walking from the parking area to the project site Construction signage erected on Thomas Foon Chew Way
- Safety & SWPPP fencing installed at entrance gate and along gravel roadway near Highway 237 Bikeway path
- Handicap parking space signs and project site plan sign (completed, but not part of Energy Commission conditions of certifications for the project)
- Temporary lighting placed in craft parking lot until long-term electrical lighting plan is approved by CBO
- Lights to be installed in December below K-rails to illuminate walk path leading to construction entrance