

**Russell City Energy Center  
01-AFC-7C**

Monthly Compliance Report #6  
January 1 – January 31, 2011

1. Project Construction Status

The remaining test piles were driven in the ZLD area and all piling tests have been completed. The piling optimization for the HRSG area was completed and the subcontractor has been released to fabricate and cast production piles for the HRSG. Wet weather impacted earthwork early in the month, but conditions improved as the month progressed, allowing completion of the storm water retention pond and earthwork in preparation for piling with the exception of the area impacted by the discovery of an underground fuel storage tank and two concrete vaults that were encountered in the switchyard area during excavation. The underground storage tank and vaults have been removed in accordance with the City of Hayward requirements. Fencing is largely completed and installation of construction infrastructure continued in preparation of installation of construction trailers.

The focus for engineering this month has continued to be piling and foundation design along with routing of underground pipe and electrical commodities. With approval of the revised HRSG pile length, the design focus shifted to optimizing the HRSG pipe rack, CTG, and STG area piles. All underground P&IDs have been released for construction and the first releases of underground pipe and conduit material were issued to the fabricators and material suppliers. Weekly coordination meetings continue to be held with major suppliers to address the technical design and CBO coordination.

The procurement and subcontracts teams awarded the steel purchase order and the rebar supply and installation subcontract this month. Key supplier meetings were held this month with Nooter / Eriksen on the HRSG and GE for the Zero Liquid Discharge system. Next month, meetings are planned with Siemens on the Transformers, Holtec on the Condenser and IDI on the Recycled Water system. All equipment purchase orders for the major equipment remain on schedule.

Project staffing increased by four people this month. An additional five people are planned to be added in February.

Biological, cultural and paleontological monitoring was conducted.

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**2. Required Monthly Compliance Report documents**

GEN-2	A copy of the most recent schedule is attached	AQ-SC3	A copy of the AQCMM report is attached
GEN-3	Email from CBO stating verification of payment is attached	AQ-SC4	A copy of the AQCMM report is attached
GEN-6	CBO approval email of special inspectors is attached	AQ-SC5	A copy of the AQCMM report is attached
GEN-7	N/A. No CBO corrective actions for the reporting period	AQ-1	N/A. Applicable work not completed during the reporting period
GEN-8	N/A. No work completed for the reporting period	AQ-2	N/A. Applicable work not completed during the reporting period
CIVIL-3	N/A. There were no non-compliance issues during the reporting period.	AQ-3	N/A. Applicable work not completed during the reporting period
CIVIL-4	N/A. Applicable work not completed during the reporting period	AQ-4	N/A. Applicable work not completed during the reporting period
STRUC-3	N/A. Applicable work not completed during the reporting period	AQ-5	N/A. Applicable work not completed during the reporting period
STRUC-4	N/A. Applicable work not completed during the reporting period	AQ-6	N/A. Applicable work not completed during the reporting period
MECH-1	N/A. Applicable work not completed during the reporting period	AQ-7	N/A. Applicable work not completed during the reporting period
MECH-2	N/A. Applicable work not completed during the reporting period	AQ-8	N/A. Applicable work not completed during the reporting period
ELEC-1	N/A. Applicable work not completed during the reporting period	AQ-9	N/A. Applicable work not completed during the reporting period
TSE-1	N/A. Applicable work not completed during the reporting period	AQ-10	N/A. Applicable work not completed during the reporting period
TSE-4	N/A. Applicable work not completed during the reporting period	WS-3	A copy of the CSS report is attached.

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Required Monthly Compliance Report documents, continued

BIO-2	A copy of the Designated Biologist's report is attached	CUL-6	A copy of the Cultural Resource Specialist's weekly reports are attached
BIO-5	WEAP training was conducted for 15 personnel during the reporting period.	PAL-3	A copy of the WEAP training records are attached
SW-1	A narrative DESCP effectiveness is attached	PAL-4	A copy of the Paleontological Resource Specialist's report is attached
SW-6	N/A. There were no notices of violation during the reporting period.	WASTE-7	No new EPA ID numbers were obtained during the reporting period.
CUL-2	A copy of the current schedule is attached	TRANS-9	A copy of the City of Hayward encroachment permit is attached
CUL-4	A copy of the WEAP training records are attached	VIS-11	N/A. There were no complaints reported during the reporting period.

3. Compliance Matrix

A copy of the compliance matrix is attached.

4. Conditions satisfied during the reporting period

Ongoing approvals were issued by the CBO for submittals made in accordance with CIVIL-1, MECH-1 and ELEC-1.

5. Submittal deadlines not met

There are no past due compliance submittals.

6. Approved condition of certification changes

- A request for amendment of the license was submitted on November 19, 2009. Amendment #2 was approved by the Commission on August 11, 2010.
- A change to the verification language of LAND-1 was submitted to the CPM on April 14, 2010 and approved by staff on April 30, 2010.
- A change to the verification language of SOIL&WATER-8 was submitted to the CPM on August 18, 2010 and approved by staff on August 24, 2010.

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7. Filings or permits from other agencies

An encroachment permit was obtained from the City of Hayward for curb and gutter work along Depot Road during the reporting period.

8. Projection of compliance activities for February 2011 – March 2011

GEN-2	Schedule will be updated monthly
GEN-3	CBO payments will be submitted monthly
AQ-SC3	The AQCMM report will be updated monthly
AQ-SC4	The AQCMM report will be updated monthly
AQ-SC5	The AQCMM report will be updated monthly
WS-3	The CSS report will be updated monthly
BIO-2	The Designated Biologist's report will be updated monthly
BIO-5	WEAP training will be completed for new employees as needed
SW-1	DESCP effectiveness will be tracked and reported monthly
CUL-2	A current schedule will be provided to the CRS weekly
CUL-4	WEAP training will be completed for new employees as needed
PAL-3	WEAP training will be completed for new employees as needed
PAL-4	The PRS report will be updated monthly
WASTE-3	Bechtel CA registered PE monitoring project during soil excavation.

9. Additions to the on-site compliance file

WEAP training records

CRS reports

10. Listing of complaints, notices of violations, official warnings and citations

None received during the reporting period.

**CONDITION OF CERTIFICATION  
GEN-2**

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January 2011**

Project Address: 3862 Depot Road, Hayward, CA 94545

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
1	CIVIL-1	CIVIL-1 SWPPP (REV1) (100804)	25483-000-30G-K03G-00001	0	STORM WATER POLLUTION PREVENTION PLAN	GHER		Civil		08/04/10	RK	GAKG-00007	8/18/10	8/19/10		8/19/10	Approved
2	CIVIL-1	CIVIL-1 DESC (REV1) (100804)	25483-001-30G-K03G-00002	0	EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT PLAN	GHER		Civil		08/04/10	RK	GAKG-00006	8/18/10	8/27/10		8/27/10	Approved
3	CIVIL-1	CIVIL1-GEO2 (REV0) (100812)	25483-000-30R-K01G-00001	0	SUBSURFACE INVESTIGATION AND FOUNDATION REPORT	Report		Civil		8/12/10		GAKG-00010	8/26/10	10/11/10			CBO Comments (10/11/10) Changing the Title of the Report, Version 1.3 CBO Comments (10/4/10) in zip file of document, Version 1.2 Response to CBO from Donald Gerken 9/30/10 - Cover Note to Subsurface Investigation Report in document version 1.1 zip file and also included as the second page to Transmittal CIVIL1-GE03 (REV0) (100813) G26-GAKG-00011
4	CIVIL-1	CIVIL1-GEO2 (REV3) (110114)	25483-000-30R-K01G-00002	0	ENGINEERING GEOLOGY REPORT	Report		Civil		01/19/11	MW	GAKG-00125	2/9/11				
5	CIVIL-1	CIVIL1-GEO2 (REV2) (110106)	25483-000-30R-K01G-00002	0	ENGINEERING GEOLOGY REPORT	Report		Civil		01/13/11	MW	GAKG-00125	1/27/11	Superseded by Rev 3	1/19/11		Rejected again due to CBO requiring Calc (reference document) to be sealed. Re-submitted 1/14/11 under (REV3) (110114)
6	CIVIL-1	CIVIL1-GEO2 (REV1) (110103)	25483-000-30R-K01G-00002	0	ENGINEERING GEOLOGY REPORT	Report		Civil		1/3/11	MW	GAKG-00125	1/24/11	Superseded by Rev 2	1/13/11		Rejected due to no blank signature area for CBO Re-submitted 1/6/11 under (REV2) (110106)
7	CIVIL-1	CIVIL1-GEO1 (REV0) (100811)	25483-000-30R-K01G-00002	0	ENGINEERING GEOLOGY REPORT	Report		Civil		08/11/10	MW	GAKG-00009	8/25/10	Superseded by Rev 1	1/3/11		CBO Comments (10/11/10) Changing the Title of the Report, Version 1.3 CBO Comments (10/4/10) in zip file of document, Version 1.2
8	CIVIL-1	CIVIL1-GEO2 (REV3) (110114)	25483-000-30R-K01G-00003		DEVELOPMENT OF THE 2007 CALIFORNIA BUILDING CODE DESIGN RESPONSE SPECTRUM (ORIGINALLY A BECHTEL INTEROFFICE MEMORANDUM)	Memorandum		Civil		01/14/11		GAKG-00125	2/4/11				
9	CIVIL-1	CIVIL1 CE01 (REV1) (100802)	25483-000-3PS-CE01-00001	0	TECHNICAL SPECIFICATION FOR EARTHWORK, GRADING AND STRUCTURAL BACKFILL	Specification		Civil		08/02/10	RP	GAKG-00005	8/17/10	8/16/10			See Comment Response to 25483-001-C2-0000-00001 - (8/16/10)
10	CIVIL-1	CIVIL-CE03 (REV2) (101207)	25483-000-3PS-CE03-00001	2	TECHNICAL SPECIFICATION FOR SOIL STABILIZATION	Specification		Civil		12/07/10	DG	GAKG-00097	12/14/10				
11	CIVIL-1	CIVIL-CE03 (REV1) (100917)	25483-000-3PS-CE03-00001	1	TECHNICAL SPECIFICATION FOR SOIL STABILIZATION	Specification		Civil		09/17/10	DG	GAKG-00023	9/20/10	Superseded by Rev 2		9/21/10	Approved
12	CIVIL-1	CIVIL1 CE03 (REV0) (100913)	25483-000-3PS-CE03-00001	0	TECHNICAL SPECIFICATION FOR SOIL STABILIZATION	Specification		Civil		09/13/10	DG	GAKG-00020	9/17/10	Superseded by Rev 1		Superseded	<b>SUPERSEDED BY REV 1 - PER CBO TRACKING LOG 9/24/10</b>
13	CIVIL-1	CIVIL-1 DB02 (REV0) (101007)	25483-000-3PS-DB02-00001	0	TECHNICAL SPECIFICATION FOR CONCRETE WORK	Specification		Civil		10/07/10	RK	GAKG-00043	10/21/10	11/2/10		11/1/10	Approved
14	CIVIL-1		25483-000-3PS-NNP0-XXXXX		STANDARD SPECIFICATION FOR EXTERNAL THERMAL INSULATION AND LAGGING			Plant Design	Q1, 2011								
15	CIVIL-1		25483-000-3PS-NNP0-XXXXX														

**CEC No. 01-AFC-07C  
RUSSELL CITY ENERGY CENTER  
CBO SUBMITTALS LIST**

25483-000-G02-GGG-00005  
REV 7

Project Address: 3862 Depot  
Road, Hayward, CA 94545

Bechtel Job 25483

Sort Order	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
16	CIVIL-1		25483-000-3PS-NX00-XXXX		TECHNICAL SPECIFICATION FOR EXTERNAL COATING OF BURIED PIPELINES			Plant Design	Q1, 2011								
17	CIVIL-1		25483-000-3PS-PH06-XXXX		TECHNICAL SPECIFICATION - FIELD DESIGN, FABRICATION AND INSTALLATION OF PIPE SUPPORTS			Plant Design	Q1, 2011								
18	CIVIL-1		25483-000-3PS-PS02-XXXX		STANDARD SPECIFICATION FOR FIELD FABRICATION AND INSTALLATION OF PIPING			Plant Design	Q1, 2011								
19	CIVIL-1	CIVIL-1 SY01 (REV1) (101207)	25483-000-3PS-SY01-00001	0	TECHNICAL SPECIFICATION FOR MATERIAL TESTING SERVICES FOR CONCRETE AND EARTHWORK	Specification		Civil		12/07/10	RK	GAKG-00098	12/14/10				
20	CIVIL-1	CIVIL-1 SY01 (REV0) (101007)	25483-000-3PS-SY01-00001	0	TECHNICAL SPECIFICATION FOR MATERIAL TESTING SERVICES FOR CONCRETE AND EARTHWORK	Specification		Civil		10/07/10	RK	GAKG-00042	10/21/10	Superseded by Rev 1		11/1/10	Approved - Superseded by Rev 1
21	CIVIL-1	CIVIL-1 P0K01 (REV0) (110112)	25483-000-C2-0000-00002	J	CONSTRUCTION FACILITIES LAYOUT	Drawing REFERENCE DOCUMENT		Civil		01/12/11		GAKG-00147	1/26/11	1/14/11			CBO Comment Response zipped with document in IW (doc submitted for reference with new documents)
22	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-C2-0000-00002	H	CONSTRUCTION FACILITIES LAYOUT	Drawing REFERENCE DOCUMENT		Civil		08/23/10		GAKG-00012	8/30/10	8/27/2010 Superseded by REV 0 of new COC #		8/27/10	Reviewed for Referenced Only (Listed on CBO Spreadsheet as Unit 001) . Also submitted under GEN-2 WS1-0000 (REV1) (101116)
23	CIVIL-1	CIVIL-1 CE01- (REV1) (100802)	25483-001-C2-0000-00001	0	SITE PLAN	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10	8/16/10			Comment Response - RCEC Civil Document Plan Review Comments - Civil1 CE01 (Rev1); ABAG ESC Manual May 1995; CASQA BMP SE-2 Feb 2010 (New); CASQA BMP SE-2 Jan 2003 (Old)
24	CIVIL-1	CIVIL-1 CE01- (REV0) (100720)	25483-001-C2-0000-00001	0	SITE PLAN	Drawing		Civil		07/20/10	RK	GAKG-00001	8/3/10	Superseded by Rev 1		Superseded	Superseded by Rev 1 - Sent Rev 0 to CBO on 7/20 and again 8/02
25	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-C2K-0000-00001	C	CONSTRUCTION FENCE LAYOUT	Drawing Reference Document		Civil		08/23/10		GAKG-00012	8/13/10	8/27/10		8/27/10	Reviewed for Referenced Only
26	CIVIL-1		25483-000-CD-0100-00001		STORM WATER DRAINAGE PLAN			Civil	3/30/11								
27	CIVIL-1	CIVIL-1 CE01 (REV5) (100917)	25483-000-CG-0100-00001	5	ROUGH GRADING EXCAVATION PLAN (PHASE 1)	Drawing		Civil		09/17/10	RK	GAKG-00022	9/22/10	9/21/10		9/21/10	Approved
28	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-CG-0100-00001	4	ROUGH GRADING EXCAVATION PLAN (PHASE 1)	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	Superseded by REV 5 8/16/2010	8/24/10	8/27/10	Bechtel Response to Plan Check Comments (8-24-10) Approved
29	CIVIL-1	CIVIL-1 CE01 (REV1) (100802)	25483-000-CG-0100-00001	2	ROUGH GRADING EXCAVATION PLAN	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10	Superseded by REV2		Superseded	Superseded by Rev 2 - RCEC Civil Document Plan Review Comments - Civil1 CE01 (Rev1); ABAG ESC Manual May 1995; CASQA BMP SE-2 Feb 2010 (New); CASQA BMP SE-2 Jan 2003 (Old) (8/16/10)
30	CIVIL-1	CIVIL-1 CE01 (REV0) (100720)	25483-000-CG-0100-00001	1	ROUGH GRADING EXCAVATION PLAN	Drawing		Civil		07/20/10	RK	GAKG-00001	8/3/10	Superseded by REV 1		Superseded	Superseded by Rev 1
31	CIVIL-1	CIVIL-1 CE01 (REV5) (100917)	25483-000-CG-0100-00002	5	ROUGH GRADING BACKFILL PLAN (PHASE 1)	Drawing		Civil		09/17/10	RK	GAKG-00022	9/22/10	9/21/10		9/21/10	Approved

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25483-000-G02-GGG-00005  
REV 7

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32	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-CG-0100-00002	4	ROUGH GRADING BACKFILL PLAN (PHASE 1)	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	Superseded by REV 5 8/16/2010	8/24/10	8/27/10	Approved
33	CIVIL-1	CIVIL-1 CE01 (REV1) (100802)	25483-000-CG-0100-00002	2	ROUGH GRADING BACKFILL PLAN	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10	Superseded by REV 2		Superseded	<b>Superseded by Rev 2</b> - RCEC Civil Document Plan Review Comments - Civil1 CE01 (Rev1); ABAG ESC Manual May 1995; CASQA BMP SE-2 Feb 2010 (New); CASQA BMP SE-2 Jan 2003 (Old) (8/16/10)
34	CIVIL-1	CIVIL-1 CE01 (REV0) (100720)	25483-000-CG-0100-00002	1	ROUGH GRADING BACKFILL PLAN	Drawing		Civil		07/20/10	RK	GAKG-00001	8/3/10	Superseded by REV 1		Superseded	<b>Superseded by Rev 1</b>
35	CIVIL-1	<b>CIVIL-1 CE01 (REV5) (100917)</b>	<b>25483-000-CG-0100-00003</b>	<b>5</b>	<b>ROUGH GRADING PLAN (PHASE 2)</b>	<b>Drawing</b>		<b>Civil</b>		<b>09/17/10</b>	<b>RK</b>	<b>GAKG-00022</b>	<b>9/22/10</b>	<b>9/21/10</b>		9/21/10	Approved
36	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-CG-0100-00003	4	ROUGH GRADING PLAN (PHASE 2)	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/16/2010 Superseded by Rev 5	8/24/10	8/27/10	Approved
37	CIVIL-1	CIVIL-1 CE01 (REV1) (100802)	25483-000-CG-0100-00003	2	ROUGH GRADING PLAN	Drawing		Civil		08/02/10	RK	GAKG-00001	8/3/10	Superseded by REV 2		Superseded	<b>Superseded by Rev 2</b> - RCEC Civil Document Plan Review Comments - Civil1 CE01 (Rev1); ABAG ESC Manual May 1995; CASQA BMP SE-2 Feb 2010 (New); CASQA BMP SE-2 Jan 2003 (Old) (8/16/10)
38	CIVIL-1	CIVIL-1 CE01 (REV0) (100720)	25483-000-CG-0100-00003	1	ROUGH GRADING PLAN	Drawing		Civil		07/20/10	RK	GAKG-00001	8/3/10	Superseded by REV 1		Superseded	<b>Superseded by Rev 1</b>
39	CIVIL-1	CIVIL-1 CE01 (REV5) (100917)	25483-000-CG-0100-00004	0	ROUGH GRADING BACKFILL PLAN (PHASE 1A)	Drawing		Civil		09/17/10	RK	GAKG-00022	9/22/10	9/21/10		9/21/10	Approved
40	CIVIL-1	<b>CIVIL-1 CE01 (REV5) (100917)</b>	<b>25483-000-CG-0190-00001</b>	<b>5</b>	<b>ROUGH GRADING DETAILS, SHEET 1</b>	<b>Drawing</b>		<b>Civil</b>		<b>09/17/10</b>	<b>RK</b>	<b>GAKG-00022</b>	<b>9/22/10</b>	<b>9/21/10</b>		9/21/10	Approved
41	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-CG-0190-00001	4	ROUGH GRADING DETAILS, SHEET 1	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/16/2010 Superseded by Rev 5	8/24/10	8/27/10	Approved
42	CIVIL-1	CIVIL-1 CE01 (REV1) (100802)	25483-000-CG-0190-00001	2	ROUGH GRADING DETAILS, SHEET 1	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10	Superseded by REV 2		Superseded	<b>Superseded by Rev 2</b> - RCEC Civil Document Plan Review Comments - Civil1 CE01 (Rev1); ABAG ESC Manual May 1995; CASQA BMP SE-2 Feb 2010 (New); CASQA BMP SE-2 Jan 2003 (Old) (8/16/10)
43	CIVIL-1	CIVIL-1 CE01 (REV0) (100720)	25483-000-CG-0190-00001	1	ROUGH GRADING DETAILS, SHEET 1	Drawing		Civil		07/20/10	RK	GAKG-00001	8/3/10	Superseded by REV 1		Superseded	<b>Superseded by Rev 1</b>
44	CIVIL-1	<b>CIVIL-1 CE01 (REV5) (100917)</b>	<b>25483-000-CG-0190-00002</b>	<b>6</b>	<b>ROUGH GRADING DETAILS, SHEET 2</b>	<b>Drawing</b>		<b>Civil</b>		<b>09/17/10</b>	<b>RK</b>	<b>GAKG-00022</b>	<b>9/22/10</b>	<b>9/21/10</b>		9/21/10	Approved
45	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-CG-0190-00002	5	ROUGH GRADING DETAILS, SHEET 2	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/16/2010 Superseded by Rev 5		8/27/10	Approved
46	CIVIL-1	CIVIL-1 CE01 (REV1) (100802)	25483-000-CG-0190-00002	3	ROUGH GRADING DETAILS, SHEET 2	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10	Superseded by REV 2		Superseded	<b>Superseded by Rev 2</b> - RCEC Civil Document Plan Review Comments - Civil1 CE01 (Rev1); ABAG ESC Manual May 1995; CASQA BMP SE-2 Feb 2010 (New); CASQA BMP SE-2 Jan 2003 (Old) (8/16/10)
47	CIVIL-1	CIVIL-1 CE01 (REV0) (100720)	25483-000-CG-0190-00002	2	ROUGH GRADING DETAILS, SHEET 2	Drawing		Civil		07/20/10	RK	GAKG-00001	8/3/10	Superseded by ReEV1		Superseded	<b>Superseded by Rev 1</b>
48	CIVIL-1	CIVIL-1 CE01 (REV3) (100901) Part 1 of 2	25483-000-CGN-0100-00001	0	DCN FOR ROUGH GRADING - EXCAVATION PLAN (PHASE 1) (ADD CLARIFICATION OF EXISTING UNDERGROUND UTILITIES)	DCN		Civil		09/01/10		GAKG-00015	9/7/10	10/12/10		10/12/10	Approved
49	CIVIL-1	CIVIL-1 CE01 (REV4) (100908)	25483-000-CGN-0100-00002	0	DCN FOR ROUGH GRADING - EXCAVATION PLAN (PHASE 1)	DCN		Civil		09/08/10	RK	GAKG-00019	9/10/10	9/10/10		9/9/10	Approved

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25483-000-G02-GGG-00005  
REV 7

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50	CIVIL-1	CIVIL-1 CE01 (REV8) (110112)	25483-000-CGN-0100-00005	0	DCN - ADDITIONAL FILTERING ADDED TO SEDIMENTATION POND 1	DCN		Civil		01/12/11	RK	GAKG-00150	1/19/11	1/14/11		1/14/11	Approved
51	CIVIL-1	CIVIL-1 CE01 (REV6) (101004)	25483-000-CGN-0100-00103	0	DCN FOR ROUGH GRADING - EXCAVATION PLAN (PHASE 1)	DCN		Civil		10/04/10		GAKG-00038	10/6/10	10/7/10		10/7/10	Approved
52	CIVIL-1	CIVIL-1 CE01 (REV7) (101007)	25483-000-CGN-0100-00004	0	DCN - REVISED MAIN ACCESS ROAD ALIGNMENT, ADDED FIELD NOTE FOR UTILITY MANHOLE MODIFICATION AND REVISED CONSTRUCTION ACCESS ROAD TO SHOW EXISTING PAVED ROAD	DCN		Civil		10/07/10	RK	GAKG-00039	10/8/01	10/11/10		10/11/10	Approved
53	CIVIL-1	CIVIL-1 CE01 (REV8) (110112)	25483-000-CGN-0190-00001	0	DCN - REVISED SECTION "D" TP ADD CONCRETE BASE	DCN		Civil		01/12/11	RK	GAKG-00150	1/19/11	1/14/11		1/14/11	Approved
54	CIVIL-1	CIVIL-1 CE01 (REV3) (100901) Part 1 of 2	25483-000-CGN-0190-00002	0	DCN FOR ROUGH GRADING DETAILS, SHEET 2 (REVISED ROAD OVER EXCAVATION DEPTH)	DCN		Civil		09/01/10		GAKG-00015	9/7/10	10/12/10		10/12/10	Approved
55	CIVIL-1	CIVIL-1 CE01 (REV4) (100908)	25483-000-CGN-0190-00003	0	DCN FOR ROUGH GRADING DETAILS SHEET 2	DCN		Civil		09/08/10	RK	GAKG-00019	9/10/10	9/10/10		9/9/10	Approved
56	CIVIL-1		25483-000-CPR-GCE-00001		PILE LOAD TEST REPORT - GEOTECHNICAL & HYDRAULIC ENGINEERING SERVICES			Civil	12/15/10								
57	CIVIL-1		25483-000-CS-0010-00001		FINISH GRADNG PLAN	Grading Plan		Civil	4/30/11								
58	CIVIL-1		25483-000-CS-0010-00002		FINISH PAVING PLAN	Paving Plan		Civil	4/30/11								
59	CIVIL-1		25483-000-CS-0090-00002		FINISH GRADING SECTIONS AND DETAILS	Grading Sections & Details		Civil	4/30/11								
60	CIVIL-1		25483-000-CS-0090-00003		FINISH GRADING SECTIONS AND DETAILS	Grading Sections & Details		Civil	4/30/11								
61	CIVIL-1		25483-000-CS-0200-00001		MAIN ACCESS ROAD PLAN AND PROFILE			Civil	4/30/11								
62	CIVIL-1		25483-000-D0-0000-00001		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 1			Civil	10/21/10								
63	CIVIL-1		25483-000-D0-0000-00002		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 2			Civil	10/21/10								
64	CIVIL-1		25483-000-D0-0000-00003		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 3			Civil	10/21/10								
65	CIVIL-1		25483-000-D0-0000-00004		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 4			Civil	10/21/10								
66	CIVIL-1		25483-000-G27-GEK-00002	A	ENGINEERING GEOLOGY REPORT			Civil	08/10/10								
67	CIVIL-1	CIVIL1-GEO1 (REV3) (110114)	25483-000-KOC-0000-00003	0	Liquefaction Potential and Dynamic Settlement Calculaton	Calculation		Civil		01/14/11	DG	GAKG-00125	2/4/11		1/14/11		
68	CIVIL-1	CIVIL1-GEO1 (REV2) (110106)	25483-000-KOC-0000-00003	0	Liquefaction Potential and Dynamic Settlement Calculaton	Calculation		Civil		1/6/11		GAKG-00125	1/27/11	1/6/2011 Superseded by REV 3	1/14/11		CBO Requesting this Calc to be sealed w/blank area for
69	CIVIL-1	CIVIL1-GEO1 (REV1) (110103)	25483-000-KOC-0000-00003	0	Liquefaction Potential and Dynamic Settlement Calculaton	Calculation		Civil		1/3/11	MW	GAKG-00125	1/24/11	1/3/2011 Superseded by REV 2	1/6/11		Rejected due to no blank signature area on 000-30R-K01G-00002 for CBO Re-submitted 1/6/11 under (REV2) (110106)
70	CIVIL-1	CIVIL-1 GE04 (REV0) (101222)	25483-000-KOC-0000-00006	0	Axial and Lateral Pile Springs – Static and Dynamic Calculation	GHEs - Calculation		Civil		12/22/10	DG	GAKG-00118	1/11/11	1/6/11		1/6/11	Approved

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REV 7

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Bechtel Job 25483

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71	CIVIL-1		25483-000-K0C-7400-00001		STORM WATER MANAGEMENT BASIN SIZING CALCULATION			Civil	Q3, 2010								
72	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-K0C-7400-00002	1	SEDIMENTATION BASIN SIZING CALCULATION	GHES - Calculation		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/27/10		8/27/10	Approved
73	CIVIL-1	CIVIL-1 CE01 (REV0) (100720)	25483-000-K0C-7400-00002	0	SEDIMENTATION BASIN SIZING CALCULATION	GHES - Calculation		Civil		07/20/10	RK	GAKG-00001	8/3/10	Superseded by REV 2		Superseded	Superseded by Rev 2 which was approved
74	CIVIL-1		25483-000-K0C-7400-00003		STORM DRAIN SYSTEM DESIGN			Civil	4/30/10								
75	CIVIL-1		25483-000-P0-		EMBEDDED AND UNDERGROUND PIPING - GENERAL NOTES AND STANDARD DETAILS			Plant Design	Q1, 2011								
76	CIVIL-1	CIVIL-1 P0K01 (REV0) (110112)	25483-000-P0K-0000-00001	B	CONSTRUCTION FACILITY PLOT PLAN	Drawing REFERENCE DOCUMENT		Plant Design		01/12/11		GAKG-00147	1/26/11	1/14/11			CBO Comment Response zipped with document in IW
77	CIVIL-1	CIVIL-1 P0K01 (REV0) (110112)	25483-000-P0K-0000-00003	A	CONSTRUCTION FACILITY POTABLE WATER & WASTEWATER PLAN	Drawing REFERENCE DOCUMENT		Plant Design		01/12/11		GAKG-00147	1/26/11	1/14/11			CBO Comment Response zipped with document in IW
78	CIVIL-1	CIVIL-1 P104 (REV0) (110106)	25483-001-P1-0010-00001	C	PLOT PLAN	General Arrangement REFERENCE DOCUMENT		Plant Design		01/06/11		GAKG-00132	1/27/11	1/25/11			CBO Comment Response zipped with document in IW
79	CIVIL-1	CIVIL-1 P103 (REV0) (110106)	25483-000-P1-7111-00001	A	GENERAL ARRANGEMENT RECYCLED WATER FACILITY PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design		01/06/11		GAKG-00130	1/27/11				
80	CIVIL-1	CIVIL-1 P103 (REV0) (110106)	25483-000-P1-7111-00002	A	GENERAL ARRANGEMENT RECYCLED WATER FACILITY PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design		01/06/11		GAKG-00130	1/27/11				
81	CIVIL-1	CIVIL-1 P102 (REV0) (100730)	25483-000-P1-7211-00001	A	GENERAL ARRANGEMENT - COOLING TOWER AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design		07/30/10		GAKG-00004	8/20/10	8/18/10		8/18/10	Reviewed for Referenced Only
82	CIVIL-1	CIVIL-1 P102 (REV0) (100730)	25483-000-P1-7211-00002	A	GENERAL ARRANGEMENT - COOLING TOWER AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design		07/30/10		GAKG-00004	8/20/10	8/18/10		8/18/10	Reviewed for Referenced Only
83	CIVIL-1	CIVIL-1 P102 (REV0) (100730)	25483-000-P1-7211-00003	A	GENERAL ARRANGEMENT - COOLING TOWER AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design	Q4, 2010	07/30/10		GAKG-00004	8/20/10	8/18/10		8/18/10	Reviewed for Referenced Only
84	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT WATER TREATMENT AREA PLAN AT GRADE AND ABOVE			Plant Design	Q4, 2010								
85	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, ADMINISTRATION / WAREHOUSE BLDG. AREA PLAN AT GRADE AND ABOVE			Plant Design	Q4, 2010								
86	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, GAS METERING AND COMPRESSOR AREA PLAN AT GRADE AND ABOVE			Plant Design	Q4, 2010								
87	CIVIL-1		25483-000-P30-AB-XXXXX		LARGE BORE PIPING ISOMETRIC - MAIN STEAM SYSTEM (SAMPLE ISOMETRICS)			Plant Design	Q1, 2011								
88	CIVIL-1		25483-000-P30-AE-XXXXX		LARGE BORE PIPING ISOMETRIC - BOILER FEED WATER SYSTEM (SAMPLE ISOMETRICS)			Plant Design	Q1, 2011								

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89	CIVIL-1		25483-000-P30-PW-XXXXX		LARGE BORE PIPING ISOMETRIC - POTABLE WATER SYSTEM			Plant Design	Q1, 2011								
90	CIVIL-1		25483-000-P30-XN-XXXXX		LARGE BORE PIPING ISOMETRIC - SANITARY DRAINS			Plant Design	Q1, 2011								
91	CIVIL-1		25483-000-P30-XW-XXXXX		LARGE BORE PIPING ISOMETRIC - WASTEWATER SYSTEM			Plant Design	Q1, 2011								
92	CIVIL-1		25483-000-P4-		UNDERGROUND PIPING COMPOSITE - FIRE PROTECTION SYSTEM			Plant Design	Q1, 2011								
93	CIVIL-1		25483-000-P6C-AB-XXXXX		STRESS CALCULATION FOR MAIN STEAM SYSTEM (SAMPLE)			Plant Design	Q1, 2011								
94	CIVIL-1		25483-000-P6C-AE-XXXXX		STRESS CALCULATION FOR BOILER FEED WATER (SAMPLE)			Plant Design	Q1, 2011								
95	CIVIL-1		25483-000-PHC-AB-XXXXX		PIPE SUPPORT DESIGN CALCULATIONS - MAIN STEAM SYSTEM (SAMPLE)			Plant Design	Q1, 2011								
96	CIVIL-1		25483-000-PHC-AE-XXXXX		PIPE SUPPORT DESIGN CALCULATIONS - BOILER FEED WATER SYSTEM (SAMPLE)			Plant Design	Q1, 2011								
97	CIVIL-1		25483-000-PHJ-PH01-XXXXX		SMALL BORE NON-ANALYZED PIPE HANGERS AND SUPPORT NOTES, SYMBOLS AND DETAILS			Plant Design	Q1, 2011								
98	CIVIL-1	CIVIL-1 P101 (REV0) (100727)	25483-001-P1-1111-00001	A	GENERAL ARRANGEMENT - HRSG UNIT 1 AREA PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design	Q4, 2010	07/27/10	NONE	GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
99	CIVIL-1	CIVIL-1 P101 (REV0) (100727)	25483-001-P1-1411-00001	A	GENERAL ARRANGEMENT - COMBUSTION TURBINE Unit 1 AREA PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design	Q4, 2010	07/27/10	NONE	GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
100	CIVIL-1	CIVIL-1 P101 (REV0) (100727)	24583-000-P1-3312-00001	A	GENERAL ARRANGEMENT - STG/CTB TRANSFORMER AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design	Q4, 2010	07/27/10	None	GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
101	CIVIL-1	CIVIL-1 CE01 (REV0) (100720) CIVIL-1 CE01 (REV1) (100802)	25483-001-P1-0010-00001	A	RUSSELL CITY - PLOT PLAN	General Arrangement REFERENCE DOCUMENT		Plant Design	Q1, 2011	7/20/10 8/2/10	NONE BR	GAKG-00001 GAKG-00005	8/23/10	8/16/10			CBO Comment Response - 8/16/10
102	CIVIL-1	CIVIL-1 P101 (REV0) (100727)	24583-001-P1-3311-00001	A	GENERAL ARRANGEMENT - CTG TRANSFORMER AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design	Q4, 2010	07/27/10	None	GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
103	CIVIL-1	CIVIL-1 P101 (REV0) (100727)	25483-002-P1-1112-00001	A	GENERAL ARRANGEMENT - HRSG UNIT 2 AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design	Q4, 2010	07/27/10	None	GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
104	CIVIL-1	CIVIL-1 P101 (REV0) (100727)	25483-002-P1-1412-00001	A	GENERAL ARRANGEMENT - COMBUSTION TURBINE UNIT 2 AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design	Q4, 2010	07/27/10	None	GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
105	CIVIL-1	CIVIL-1-P101 (REV1) (110106)	25483-003-P1-2111-00001	0	GENERAL ARRANGEMENT - STEAM TURBINE UNIT 3 AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design		01/06/11		GAKG-00129	1/27/11	1/24/11			CBO Comment Response zipped with dwg in IW
106	CIVIL-1	CIVIL-1-P101 (REV0) (100727)	25483-003-P1-2111-00001	A	GENERAL ARRANGEMENT - STEAM TURBINE UNIT 3 AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT		Plant Design		07/27/10	None	GAKG-00002	8/17/2010 Superseded by REV 1	8/18/10		8/18/10	Reviewed for Referenced Only

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107	CIVIL-1		25483-000-GPE-GXA-00004	0	MR. ROBB KRUMPEN, RPE CIVIL DRAINING/EROSION CONTROL	Resume		PE	Q2, 2010	06/22/10			7/6/10	7/15/10		7/15/10	Approved
108	CIVIL-1	CIVIL-1 CE01 (REV2) (100824)	25483-000-G27-GEGC-00001	0	RESPONSE TO PLAN CHECK COMMENTS	Comment Repsonse Reference Document Only		Civil	8/31/10	08/24/10		GAKG-00013	9/21/10	8/27/10			Summary of Comments on Project Engineer - Author: A. Cook - Reviewed by Lowell Brown
109	CIVIL-1		25483-000-GPE-GGG-00001	0	SOIL & WATER-2 (Notice of Intent) NOI STATE WATER RESOURCE CONTROL BOARD NOTICE OF INTENT	NOI		Civil						Reference Document Only			Information Only - included in CBO Pkg for CIVIL1-CE01 (REV2) (100827) Part 1 and 2 and CIVIL1-DESP (REV1) (100827) Rec'd 8-27-10
110	CIVIL-1		25483-000-GPE-GXA-00010	0	SOIL & WATER-7 CONDITIONAL LETTER OF MAP REVISION FROM FEMA			Civil						Reference Document Only			Information Only - included in CBO Pkg for CIVIL1-CE01 (REV2) (100827) Part 1 and 2 and CIVIL1-DESP (REV1) (100827) Rec'd 8-27-10
111	ELEC-1		25483-000-3DR-E001-00001		ELECTRICAL DESIGN CRITERIA			Electrical	Q3, 2010								
112	ELEC-1		25483-000-E0C-ES01-00001		LOAD FLOW AND SHORT CIRCUIT CALCULATION			Electrical	Q4, 2010								
113	ELEC-1	ELEC-1 0007 (REV0) (101203)	25483-000-E0C-EW-00001	0	5KV AND 600V ABOVE GROUND CABLE SIZING CALCULATION	Calculation		Electrical		12/03/10	KC	GAKG-00092	12/24/10	12/21/10		12/21/10	Approved
114	ELEC-1	ELEC-1 0007 (REV0) (101203)	25483-000-E0C-EW-00002	0	SIZING OF CABLES IN UNDERGROUND DUCTBANKS	Calculation		Electrical		12/03/10	KC	GAKG-00092	12/24/10	12/21/10		12/21/10	Approved
115	ELEC-1		25483-000-E0C-EW01-00001		CABLE SIZING UNDERGROUND			Electrical	Q4, 2010								
116	ELEC-1		25483-000-E0C-EW01-00002		CABLE SIZING ABOVEGROUND			Electrical	Q4, 2010								
117	ELEC-1	ELEC-1 0001 (REV2) (101215)	25483-000-E1-0000-00001	2	MAIN ONE LINE DIAGRAM	Drawing		Electrical		12/15/10	KC	GAKG-00108	1/12/11	12/23/10		12/23/10	Approved
118	ELEC-1	ELEC-1 0001 (REV1) (101018)	25483-000-E1-0000-00001	1	MAIN ONE LINE DIAGRAM	Drawing		Electrical		10/18/10	KC	GAKG-00045	11/1/10	Superseded by Rev 2		10/19/10	Approved
119	ELEC-1	ELEC-1 0001 (REV0) (100830)	25483-000-E1-0000-00001	0	MAIN ONE LINE DIAGRAM	Drawing		Electrical		08/30/10	KC	GAKG-00014	9/13/10	Superseded by Rev 1		Superseded	General Comments Rec'd from CBO: Select data shown on single line dwg is identified as being on hold (clouded elements). Items on hold include ratings of some buses, incoming breakers and ratings of some motor feeders and transformer data. Prior to approval of this submittal, all info comprising entire single line is requested (9/14/10). <b>Superseded by Rev 1 (10/18/10)</b>
120	ELEC-1	ELEC-1 0008 (REV0) (101222)	25483-000-E1-EK-00001	0	SINGLE LINE METER & RELAY DIAGRAM 480V COMMON AREA LOAD CENTER BUS A and B - 0-EK-EKL-001A AND 0-EK-EKL-001B	Drawing		Electrical		12/22/10	KC	GAKG-00116	1/12/11	1/6/11		1/6/11	Approved
121	ELEC-1	ELEC-1 0008 (REV0) (101222)	25483-000-E1-EK-00002	0	SINGLE LINE METER & RELAY DIAGRAM 480V COOLING TOWER-ZLD LOAD CENTER BUS A and B - 0-EK-EKL-002A and 0-EK-EKL-002B	Drawing		Electrical		12/22/10	KC	GAKG-00116	1/12/11	1/6/11		1/6/11	Approved
122	ELEC-1	ELEC-1 0008 (REV0) (101222)	25483-000-E1-EK-00003	0	SINGLE LINE METER & RELAY DIAGRAM 480V COOLING TOWER LOAD CENTER BUS A and B - 0-EK-EKL-003A and 0-EK-EKL-003B	Drawing		Electrical		12/22/10	KC	GAKG-00116	1/12/11	1/6/11		1/6/11	Approved

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123	ELEC-1	ELEC-1 0008 (REV0) (101222)	25483-001-E1-EK-00001	0	SINGLE LINE METER & RELAY DIAGRAM 480V CTG-HRSG-1 LOAD CENTER BUS A and B - 1-EK-EKL-001A and 1-EK-EKL-001B	Drawing		Electrical		12/22/10	KC	GAKG-00116	1/12/11	1/6/11		1/6/11	Approved
124	ELEC-1	ELEC-1 0008 (REV0) (101222)	25483-002-E1-EK-00001	0	SINGLE LINE METER & RELAY DIAGRAM 480V CTG-HRSG-2 LOAD CENTER BUS A and B - 2-EK-EKL-001A and 2-EK-EKL-001B	Drawing		Electrical		12/22/10	KC	GAKG-00116	1/12/11	1/6/11		1/6/11	Approved
125	ELEC-1	ELEC-1 0008 (REV0) (101222)	25483-003-E1-EK-00001	0	SINGLE LINE METER & RELAY DIAGRAM 480V STEAM TURBINE LOAD CENTER BUS A and B - 3-EK-EKL-001A and 3-EK-EKL-001B	Drawing		Electrical		12/22/10	KC	GAKG-00116	1/12/11	1/6/11		1/6/11	Approved
126	ELEC-1	ELEC-1 0009 (REV0) (101222)	25483-000-E1-ES-00001	0	SINGLE LINE & RELAY DIAGRAM 4160V SWITCHGEAR - MCC NO 1 BUS A - 0-ES-ESM-001A	Drawing		Electrical		12/22/10	KC	GAKG-00117	1/12/11	1/6/6/11		1/6/11	Approved
127	ELEC-1	ELEC-1 0009 (REV0) (101222)	25483-000-E1-ES-00002	0	SINGLE LINE METER & RELAY DIAGRAM 4160V SWITCHGEAR - MCC NO 1 BUS B - 0-ES-ESM-001B	Drawing		Electrical		12/22/10	KC	GAKG-00117	1/12/11	1/6/6/11		1/6/11	Approved
128	ELEC-1	ELEC-1 0009 (REV0) (101222)	25483-000-E1-ES-00003	0	SINGLE LINE METER & RELAY DIAGRAM 4160V SWITCHGEAR - MCC NO 2 BUS A - 0-ES-ESM-002A	Drawing		Electrical		12/22/10	KC	GAKG-00117	1/12/11	1/6/6/11		1/6/11	Approved
129	ELEC-1	ELEC-1 0009 (REV0) (101222)	25483-000-E1-ES-00004	0	SINGLE LINE METER & RELAY DIAGRAM 4160V SWITCHGEAR - MCC NO 2 BUS B - 0-ES-ESM-002B	Drawing		Electrical		12/22/10	KC	GAKG-00117	1/12/11	1/6/6/11		1/6/11	Approved
130	ELEC-1	ELEC-1 0010 (REV0) (110120)	25483-001-E1-EY-00001	0	SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT	Drawing		Electrical		1/20/11	KC	GAKG-00159	2/10/11				
131	ELEC-1	ELEC-1 0010 (REV0) (110120)	25483-002-E1-EY-00001	0	SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT	Drawing		Electrical		1/20/11	KC	GAGK-00159	2/10/11				
132	ELEC-1	ELEC-1 0006 (REV1) (101215)	25483-000-E1-UA00-00001	5	CONSTRUCTION TEMPORARY POWER LAYOUT & SINGLE LINE	Layout & Single Line Drawing		Electrical		12/15/10	KC	GAKG-00107	12/20/10	12/20/10		12/20/10	Approved
133	ELEC-1	ELEC-1 0006 (REV0) (101119)	25483-000-E1-UA00-00001	4	CONSTRUCTION TEMPORARY POWER LAYOUT & SINGLE LINE	Layout & Single Line Drawing		Electrical		11/19/10	KC	GAKG-00069	12/8/10	12/7/2010 Superseded by REV 1	12/15/10		CBO Comment Response Form zipped with document in IW RE Response to Plan Check Comments to CBO (REV1) (101215)
134	ELEC-1		25483-001-E3-1401-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- UNIT 1 CTG AREA			Electrical	Q3, 2011								
135	ELEC-1		25483-002-E3-1401-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- UNIT 2 CTG AREA			Electrical	Q3, 2011								
136	ELEC-1		25483-002-E3-6101-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- GAS COMPRESSOR AREA			Electrical	Q3, 2011								
137	ELEC-1		25483-000-E4-3211-00001		ELECTRICAL EQUIPMENT LOCATION MAIN SWITCHGEAR BUILDING			Electrical	Q1, 2011								
138	ELEC-1		25483-000-E4-7211-00001		ELECTRICAL EQUIPMENT LOCATION COOLING TOWER SWITCHGEAR BUILDING			Electrical	Q1, 2011								
139	ELEC-1		25483-000-E8-0001-00001		ELECTRICAL LOAD LIST			Electrical	Q3, 2011								
140	ELEC-1	ELEC-1 0002 (REV 0) (100921)	25483-000-EG-0000-00001	0	GROUNDING NOTES, SYMBOLS AND DETAILS, SHEET 1 of 3	Grounding Drawing		Electrical		9/21/10	KC	GAKG-00025	10/5/10	10/12/10		10/12/10	Approved
141	ELEC-1	ELEC-1 0002 (REV 0) (100921)	25483-000-EG-0000-00002	0	GROUNDING NOTES, SYMBOLS AND DETAILS, SHEET 2 of 3	Grounding Drawing		Electrical		9/21/10	KC	GAKG-00025	10/5/10	10/12/10		10/12/10	Approved

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142	ELEC-1	ELEC-1 0002 (REV 0) (100921)	25483-000-EG-0000-00003	0	GROUNDING NOTES, SYMBOLS AND DETAILS, SHEET 3 of 3	Grounding Drawing		Electrical		9/21/10	KC	GAKG-00025	10/5/10	10/12/10		10/12/10	Approved
143	ELEC-1	ELEC-1 0005 (REV0) (101102)	25483-000-EG-0100-00001	0	SITE MAIN GROUNDING GRID	Grounding Drawing		Electrical		11/2/10	KC	GAKG-00056	11/23/10	11/17/10		11/17/10	Approved
144	ELEC-1		25483-000-EG-2001-00001		GROUNDING PLAN - STEAM TURBINE AND DEMIN AREA			Electrical	Q4, 2010								
145	ELEC-1		25483-000-EG-3201-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- MAIN SWGR BUILDING			Electrical	Q1, 2011								
146	ELEC-1		25483-000-EG-7101-00001		GROUNDING PLAN- WATER TREATMENT AREA			Electrical	Q1, 2011								
147	ELEC-1		25483-000-EG-7102-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- TITLE 22 WATER TREATMENT AREA			Electrical	Q1, 2011								
148	ELEC-1		25483-000-EG-7201-00001		GROUNDING AND LIGHTNING PROTECTION PLAN COOLING TOWER AREA SHEET 1			Electrical	Q4, 2010								
149	ELEC-1		25483-000-EG-7201-00002		GROUNDING AND LIGHTNING PROTECTION PLAN COOLING TOWER AREA SHEET 2			Electrical	Q1, 2011								
150	ELEC-1	ELEC-1 0004 (REV0) (101102)	25483-000-EGC-EG-00001	0	GROUND GRID CALCULATION	Calculation		Electrical		11/2/10		GAKG-00054	11/23/10	11/17/10		11/17/10	Approved
151	ELEC-1		25483-000-EGC-EG01-00001		SYSTEM GROUND GRID CALCULATION			Electrical	Q4, 2010								
152	ELEC-1		25483-000-EGJ-00001-00001		GROUNDING NOTES SYMBOLS AND DETAILS			Electrical	Q3, 2010								
153	ELEC-1		25483-000-ELC-EL01-00001		LIGHTING ENERGY CALCULATIONS			Electrical	Q4, 2011								
154	ELEC-1	ELEC-1 0006 (REV1) (101119)	25483-000-ELK-0000-00001	B	CONSTRUCTION FACILITIES TEMPORARY LIGHTING PLAN	DRAWING		Electrical		12/15/10	KC	GAKG-00107	12/20/10	12/20/10		12/20/10	Approved
155	ELEC-1	ELEC-1 0006 (REV0) (101119)	25483-000-ELK-0000-00001	B	CONSTRUCTION FACILITIES TEMPORARY LIGHTING PLAN	DRAWING		Electrical		11/19/10	KC	GAKG-00069	12/8/10	12/7/2010 Superseded by REV 1	12/15/2010		CBO Comment Response Form zipped with document in IW RE Response to Plan Check Comments to CBO (REV1) (101215)
156	ELEC-1		25483-000-EMC-EM01-00001		SETTINGS OF PROTECTIVE RELAYS ON 4.16KV SWITCHGEAR INCOMER, TIE AND TRANSFORMER FEEDERS			Electrical	Q1, 2012								
157	ELEC-1		25483-000-EMC-EM01-00002		SETTINGS OF PROTECTIVE RELAYS ON 4.16KV SWITCHGEAR MOTOR FEEDERS			Electrical	Q1, 2012								
158	ELEC-1		25483-000-EMC-EM01-00003		SETTINGS OF PROTECTIVE RELAYS ON 480V LOAD CENTERS			Electrical	Q1, 2012								
159	ELEC-1		25483-000-EMC-EM01-00004		SETTINGS OF PROTECTIVE RELAYS FOR CTG			Electrical	Q2, 2012								
160	ELEC-1		25483-000-EMC-EM01-00005		SETTINGS OF PROTECTIVE RELAYS FOR STG			Electrical	Q2, 2012								
161	ELEC-1		25483-000-EMC-EM01-00006		ELECTRICAL PROTECTIVE RELAY SETTINGS FOR GSU TRANSFORMER FOR CTG AND STG, AND UNIT AUX TRANSFORMER FOR CTG			Electrical	Q1, 2012								
162	ELEC-1		25483-001-EG-1101-00001		GROUNDING PLAN- UNIT 1 HRSG AREA			Electrical	Q4, 2010								
163	ELEC-1		25483-001-EG-1401-00001		GROUNDING PLAN - UNIT 1 COMBUSTION TURBINE			Electrical	Q4, 2010								
164	ELEC-1		25483-001-EG-3301-00001		GROUNDING PLAN- UNIT 1 MAIN TRANSFORMER AREA			Electrical	Q1, 2011								

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165	ELEC-1	ELEC-1 - 0011 (REV0) (110128)	25483-002-EG-1101-00001	0	GROUNDING PLAN- UNIT 2 HRSG AREA	Drawing		Electrical		01/28/11	KC	GAKG-00171	2/18/11				
166	ELEC-1		25483-002-EG-1401-00001		GROUNDING PLAN - UNIT 2 COMBUSTION TURBINE			Electrical	Q4, 2010								
167	ELEC-1		25483-002-EG-3301-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- UNIT 2 MAIN TRANSFORMER AREA			Electrical	Q1, 2011								
168	ELEC-1		25483-001-EG-1101-00002		LIGHTNING PROTECTION PLAN - UNIT 1 HRSG AREA			Electrical	Q4,2010								
169	ELEC-1		25483-001-EG-1401-00002		LIGHTNING PROTECTION PLAN - UNIT 1 COMBUSTION TURBINE			Electrical	Q4,2010								
170	ELEC-1		25483-002-EG-1101-00002		LIGHTNING PROTECTION PLAN- UNIT 2 HRSG AREA			Electrical	Q4,2010								
171	ELEC-1		25483-002-EG-1401-00002		LIGHTNING PROTECTION PLAN - UNIT 2 COMBUSTION TURBINE			Electrical	Q4,2010								
172	ELEC-1		25483-000-EG-2001-00002		LIGHTNING PROTECTION PLAN - STEAM TURBINE AND DEMIN AREA			Electrical	Q4,2010								
173	ELEC-1		25483-000-EG-7101-00002		LIGHTNING PROTECTION PLAN- WATER TREATMENT AREA			Electrical	Q1,2011								
174	ELEC-1	ELEC-1 0003 (REV0) (100921)	25483-000-ER-0000-00001		UNDERGROUND RACEWAY NOTES, SYMBOLS AND DETAILS, SHEET 1 OF 2	Raceway Notes, Symbols & Details		Electrical		9/21/10	KC	GAKG-00026	10/5/10	10/7/10		10/7/10	Approved
175	ELEC-1	ELEC-1 0003 (REV0) (100921)	25483-000-ER-0000-00002		UNDERGROUND RACEWAY NOTES, SYMBOLS AND DETAILS, SHEET 2 OF 2	Raceway Notes, Symbols & Details		Electrical		9/21/10	KC	GAKG-00026	10/5/10	10/7/10		10/7/10	Approved
176	GEN-2	GEN-2 0001 (REV1) (100727)	25483-000-G27-GEGC-00002	1	RESPONSE TO CBO COMMENTS ON 'RCEC - GEN-2 SUBMITTALS LIST 6-14-2010'	Master Drawing & Specification List		General		07/27/10		GAKG-00003	8/10/10	8/13/10			Comment Response Form to include Fire Safety During Construction and Demolition (chapter 14); Emergency Planning and Preparedness (Chapter 4)
177	GEN-2		25483-000-3PS-CS01-00001		PAVING, BITUMINOUS, ROADS AND PARKING AREAS			Civil	4/30/11								
178	GEN-2	GEN-2 DB01 (REV0) (101011) (COMBO)	25483-000-3PS-DB01-00001	0	TECHNICAL SPECIFICATION FOR FURNISHING PORTLAND CEMENT CONCRETE	Specification		Civil		10/11/10	RK	GAKG-00041	10/25/10	10/21/10		10/22/10	Approved
179	GEN-2		25483-000-3PS-DD00-00001		EMBEDDED STEEL AND ANCHOR BOLTS			Civil	11/30/10								
180	GEN-2	WS1-0000 (REV0) (100930)	25483-000-4SP-T01G-00003	0	EMERGENCY PREPAREDNESS PLAN FOR RUSSELL CITY ENERGY CENTER (RCEC) PROJECT	Construction Emergency Preparedness Plan Reference Document		Construction		09/30/10		GAKG-00036	10/17/10	10/21/10	11/16/10	Superseded	Comments - zipped with document in IW 10/21/10. <b>Superseded by next CBO Rev 1</b> submittal
181	GEN-2	WS1-0000 (REV1) (101116)	25483-000-4SP-T01G-00003	0	EMERGENCY PREPAREDNESS PLAN FOR RUSSELL CITY ENERGY CENTER (RCEC) PROJECT	Construction Emergency Preparedness Plan Reference Document		Construction		11/16/10		GAKG-00065	12/2/10	10/20/10	11/16/10		RE Response to Plan Check Comments - zipped with document in IW
182	GEN-2	WS1-0000 (REV1) (101116)	25483-000-C2-0000-00002	J	CONSTRUCTION FACILITIES LAYOUT	Drawing Reference Document		Civil		11/16/10		GAKG-00065	12/2/10	10/20/10	11/16/10		RE Response to Plan Check Comments - zipped with 25483-000-4SP-T01G-00003 document in IW
183	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING ENG CALCULATIONS			Architectural	Q2, 2011								
184	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
185	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								

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186	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
187	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
188	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
189	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
190	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
191	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
192	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
193	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
194	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
195	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
196	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
197	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
198	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
199	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
200	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
201	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL STANDARD ERECTION DETAILS			Architectural	Q2, 2011								
202	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING PROPOSED FLOOR PLAN			Architectural	Q2, 2011								
203	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING DATA/NOTES			Architectural	Q2, 2011								
204	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FOUNDATION PLAN			Architectural	Q2, 2011								
205	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FOUNDATION DETAILS			Architectural	Q2, 2011								
206	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FOUNDATION DETAILS			Architectural	Q2, 2011								
207	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FOUNDATION DETAILS			Architectural	Q2, 2011								
208	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING TYP WALL FRAMING DETAILS			Architectural	Q2, 2011								
209	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING "ADDITIONAL STRUCTURAL CALCULATION"			Architectural	Q2, 2011								
210	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING "ADDITIONAL STRUCTURAL CALCULATION"			Architectural	Q2, 2011								
211	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYSTEMS DESIGN CERTIFICATION			Architectural	Q2, 2011								
212	GEN-2		25483-000-V00-ECM1-XXXXX		CERTIFICATE OF COMPLIANCE - 480V MCC'S (BLACK BOX)			Electrical	Q4, 2011								
213	GEN-2		25483-000-V00-EDB0-XXXXX		CERTIFICATE OF COMPLIANCE - 125V DC/ 120V AC UPS EQUIPMENT (BLACK BOX)			Electrical	Q4, 2011								
214	GEN-2		25483-000-V00-EKL1-XXXXX		CERTIFICATE OF COMPLIANCE - 480V UNIT SUBSTATIONS (BLACK BOX)			Electrical	Q4, 2011								
215	GEN-2		25483-000-V00-ESL1-XXXXX		CERTIFICATE OF COMPLIANCE - 4.16KV SWITCHGEAR (BLACK BOX)			Electrical	Q4, 2011								
216	GEN-2		25483-000-V00-ETP0-XXXXX		CERTIFICATE OF COMPLIANCE - GENERATOR STEPUP TRANSFORMERS (BLACK BOX)			Electrical	Q4, 2011								

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217	GEN-2		25483-000-V00-ETP1-XXXXX		CERTIFICATE OF COMPLIANCE - UNIT AUXILIARY TRANSFORMER (BLACK BOX)			Electrical	Q4, 2011								
218	GEN-2		25483-000-V00-JA03-XXXXX		CERTIFICATE OF COMPLIANCE - CONTINUOUS EMISSION MONITORING (BLACK BOX)			Electrical	Q4, 2011								
219	GEN-2		25483-000-V00-MCS0-XXXXX		CERTIFICATE OF COMPLIANCE - FUEL GAS COMPRESSOR (BLACK BOX)			Mechanical	Q3, 2011								
220	GEN-2		25483-000-V00-MPGB-XXXXX		CERTIFICATE OF COMPLIANCE - BOILER FEEDWATER PUMPS (BLACK BOX)			Mechanical	Q3, 2011								
221	GEN-2		25483-000-V00-MTS0-XXXXX		CERTIFICATE OF COMPLIANCE - AMMONIA SYSTEM (BLACK BOX)			Mechanical	Q3, 2011								
222	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD DETAILS FOR LIQUID TANKS W/ ENCAPSULATED BOLT HEADS			Mechanical	Q3, 2011								
223	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD DETAILS FOR LIQUID TANKS W/ ENCAPSULATED BOLT HEADS			Mechanical	Q3, 2011								
224	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD LADDER ERECTION DRAWING			Mechanical	Q3, 2011								
225	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD LADDER ERECTION DRAWING			Mechanical	Q3, 2011								
226	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD ANCHOR BOLT LAYOUT FOR LIQUID PRODUCT BOLTED TANK			Mechanical	Q3, 2011								
227	GEN-2		25483-000-V00-MTSW-XXXXX		ERECTION DETAILS FOR BOLTED STEEL TANK			Mechanical	Q3, 2011								
228	GEN-2		25483-000-V00-MTSW-XXXXX		DESIGN CALCULATIONS FOR A BOLTED LIQUID STORAGE TANK			Mechanical	Q3, 2011								
229	GEN-2		LIST		BECHTEL CBO SUBMITTAL LIST			PE	6/14/10	7/2/10							
230	GEN-2		LIST		PROPOSED LIST OF DOCUMENTS FOR THE CTG EQUIPMENT FOR SIEMENS WESTINGHOUSE			PE	Q3, 2011								
231	GEN-2		LIST		PROPOSED LIST OF DOCUMENTS FOR THE STG EQUIPMENT FOR GENERAL ELECTRIC			PE	Q3, 2011								
232	GEN-5	GEN-5 0001 (REV0) (100724)	25483-000-GPE-GXA-00001	0	MR. NASI HASHEMI, RPE ELECTRICAL ENGINEER	Resume		PE	Q2, 2010	07/02/10			07/15/10	07/15/10		07/15/10	Approved
233	GEN-5	GEN-5 0001 (REV0) (100724)	25483-000-GPE-GXA-00002	0	MR. CHRIS LOY, RPE MECHANICAL ENGINEER	Resume		PE	Q2, 2010	07/02/10			07/15/10	07/15/10		07/15/10	Approved
234	GEN-5	GEN-5 0001 (REV0) (100724)	25483-000-GPE-GXA-00003	0	DON GERKEN, RPE/ RFE RESIDENT FIELD ENGINEER (CIVIL ENGINEER)	Resume		PE	Q2, 2010	07/02/10			07/15/10	07/15/10		07/15/10	Approved
235	GEN-5	GEN-5 0001 (REV0) (100724)	25483-000-GPE-GXA-00004	0	ROBB KRUMPEN, RPE CIVIL/STRUCTURAL ENGINEER	Resume		PE	Q2, 2010	07/02/10			07/15/10	07/15/10		07/15/10	Approved
236	GEN-5	GEN-5 0001 (REV1) (100809)	25483-000-GPE-GXA-00006	0	RESUME OF ELECTRICAL RESPONSIBLE ENGINEER - KUSHIK CHANDA	Resume		Electrical		08/09/10		GAKG-00008	8/23/10	08/23/10		08/23/10	Approved
237	GEN-5	GEN-5 0002 (REV0) (101102)	25483-000-GPE-GXA-00021	0	RESUME OF CIVIL ENGINEER - QIN PAN	Resume		Civil		11/02/10		GAKG-00053	11/16/10	11/12/10		11/12/10	Approved
238	GEN-5	GEN-5 0003 (REV0) (101220)	25483-000-GPE-GXA-00034	0	RESUME FOR ESWARA GOLLAPUDI (WILL BE SEALING PIPING STRESS DESIGN)	Resume		PD		12/20/10		GAKG-00111	1/10/11	12/21/10		12/21/10	Approved
239	GEN-5	GEN-5 0004 (REV0) (110128)	25483-000-GPE-GXA-00051	0	RESUME FOR Ajay Malhotra (WILL BE SEALING CIVIL/STRUCTURAL ENGINEER)	Resume		Civil		01/28/11		GAKG-00170	2/4/11				
240	GEN-6	GEN-6 SY01 (REV0) (101003)	25483-000-GPE-GXA-00012	0	SPECIAL INSPECTOR - SIGNET TESTING LABS INC - JEFF BOSQUE RESUME - GEN5	Special Inspector Resume		PE		10/04/10		GAKG-00037	10/11/10	10/15/10		10/15/10	Approved

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Road, Hayward, CA 94545

Bechtel Job 25483

Sort Order	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
241	GEN-6	GEN-6 SY01 (REV0) (101003)	25483-000-GPE-GXA-00013	0	SPECIAL INSPECTOR - JOHN DAMM RESUME - SENIOR ENGINEER - GEOTECHNICAL AND HYDRAULIC ENGINEERING SERVICES - BECHTEL POWER CORP - GEN6	Special Inspector Resume		PE		10/04/10		GAKG-00037	10/11/10	10/15/10		10/15/10	Approved
242	GEN-6	GEN-6 SY01 (REV0) (101003)	25483-000-GPE-GXA-00014	0	SPECIAL INSPECTOR - SAM HUI RESUME - SENIOR PRINCIPAL ENGINEER HYDRAULICS AND HYDROLOGY - GEN6	Special Inspector Resume		PE		10/04/10		GAKG-00037	10/11/10	10/15/10		10/15/10	Approved
243	GEN-6	GEN-6 SY01 (REV0) (101003)	25483-000-GPE-GXA-00015	0	SPECIAL INSPECTOR - SIGNET TESTING LABS QUALIFICATON MATRIX	Special Inspector Qualification Matrix		PE		10/04/10		GAKG-00037	10/11/10	10/15/10		10/15/10	Approved
244	GEN-6	GEN-6 SY01 (REV0) (101003)	25483-000-GPE-GXA-00016		SPECIAL INSPECTOR - (GEOTECHNICAL RPE APPROVED BY CBO) MR. DON GERKEN, RPE/ RFE RESIDENT FIELD ENGINEER (CIVIL ENGINEER)	Special Inspector Resume		PE		10/04/10		GAKG-00037	10/11/10	10/15/10		10/15/10	Approved
245	GEN-6	GEN-6 SY02 (REV0) (110114)	25483-000-GPE-GXA-00037	0	SIGNET INSPECTOR QUALIFICATION MATRIX	Special Inspector - Resume		PE		1/14/2011		GAKG-00148	2/4/2011	01/25/11			CBO Comments zipped with doc in IW and distributed
246	GEN-6	GEN-6 SY02 (REV0) (110114)	25483-000-GPE-GXA-00038	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - MICHAEL EVERSON RESUME	Special Inspector - Resume		PE		1/14/2011		GAKG-00148	2/4/2011	01/25/11			CBO Comments zipped with doc in IW and distributed
247	GEN-6	GEN-6 SY02 (REV0) (110114)	25483-000-GPE-GXA-00039	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - PAUL COLBY RESUME	Special Inspector - Resume		PE		1/14/2011		GAKG-00148	2/4/2011	01/25/11			CBO Comments zipped with doc in IW and distributed
248	GEN-6	GEN-6 SY02 (REV0) (110114)	25483-000-GPE-GXA-00040	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - ROBERT LEON RESUME	Special Inspector - Resume		PE		1/14/2011		GAKG-00148	2/4/2011	01/25/11			CBO Comments zipped with doc in IW and distributed
249	GEN-6	GEN-6 SY02 (REV0) (110114)	25483-000-GPE-GXA-00041	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - SCOTT EDBERG RESUME	Special Inspector - Resume		PE		1/14/2011		GAKG-00148	2/4/2011	01/25/11			CBO Comments zipped with doc in IW and distributed
250	GEN-6	GEN-6 SY02 (REV0) (110114)	25483-000-GPE-GXA-00042	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - TIMOTHY RODRIGUEZ RESUME	Special Inspector - Resume		PE		1/14/2011		GAKG-00148	2/4/2011	01/25/11			CBO Comments zipped with doc in IW and distributed
251	GEN-6	GEN-6 SY02 (REV0) (110114)	25483-000-GPE-GXA-00043	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - WILLIAM WAHBEH RESUME	Special Inspector - Resume		PE		1/14/2011		GAKG-00148	2/4/2011	01/25/11			CBO Comments zipped with doc in IW and distributed
252	GEN-6	GEN-6 SY03 (REV0) (110114)	25483-000-GPE-GXA-00044	0	SPECIAL INSPECTOR (BECHTEL) - JESSICA BARRON - RESUME	Special Inspector - Resume		PE		1/14/2011		GAKG-00148	2/4/2011				
253	GEN-6	GEN-6 SY04 (REV0) (110119)	25483-000-GPE-GXA-00045	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - DAVE PERRY RESUME	Special Inspector - Resume		PE		1/19/2011		GAKG-00156	2/9/2011				
254	GEN-6	GEN-6 SY09 (REV0) (110126)	25483-000-GPE-GXA-00047	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - CHRISTOPHER WALTERS RESUME	Special Inspector - Resume		PE		01/26/11		GAKG-00167	2/16/2011				
255	GEN-6	GEN-6 SY09 (REV0) (110126)	25483-000-GPE-GXA-00048	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - FRED MANGRUM RESUME	Special Inspector - Resume		PE		01/26/11		GAKG-00167	2/16/2011				
256	GEN-6	GEN-6 SY09 (REV0) (110126)	25483-000-GPE-GXA-00049	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - JOHN GILLESPIE RESUME	Special Inspector - Resume		PE		01/26/11		GAKG-00167	2/16/2011				
257	GEN-6	GEN-6 SY09 (REV0) (110126)	25483-000-GPE-GXA-00050	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - WILLIAM BOOTH RESUME	Special Inspector - Resume		PE		01/26/11		GAKG-00167	2/16/2011				
258	MECH-1		25483-000-3DR-M10-00001		MECHANICAL DESIGN CRITERIA			Mechanical	Q4, 2010								
259	MECH-1	MECH1-0006 (REV1) (110125)	25483-000-30R-M82G-00001	1	FIRE PROTECTION HAZARDS EVALUATION PLAN	Fire Protection Plan REFERENCE DOCUMENT		Mechanical		01/25/11		GAKG-00165	2/15/2011				Included along w/document Response to Plan Check Comments, Rev A of Fire Protection Hazards Evaluation Plan doc, 4 Attmts: 25483-000-P1-0090-00001, 25483-000-P1-0090-00001, 25483-000-P1-0090-00001, 25483-000-A2-8190-00001

**CEC No. 01-AFC-07C  
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25483-000-G02-GGG-00005  
REV 7

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260	MECH-1	MECH1-0006 (REV0) (101004)	25483-000-30R-M82G-00001	0	FIRE PROTECTION HAZARDS EVALUATION PLAN	Fire Protection Plan REFERENCE DOCUMENT		Mechanical		10/04/10		GAKG-00035	10/18/10	Superseded by REV 1 10/26/2010	1/25/11		Comments for Fire Review RCEC included in IW 25483-000-30R-M82G-00001 zip file Amended Comments for Fire Review RCEC included in IW 25483-000-30R-M82G-00001 zip file
261	MECH-1	MECH1-0005 (REV1) (101122)	25483-000-M6-AB-00001	1	P&ID MAIN STEAM SYSTEM (HP Steam) AND HOT REHEAT STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00068	12/13/10	12/13/10		12/13/10	Reviewed for Referenced Only
262	MECH-1	MECH1-00005 (REV0) (100930)	25483-000-M6-AB-00001	0	P&ID - STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		Superseded by REV 1 9/30/2010		GAKG-00034	10/14/10	10/15/2010 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
263	MECH-1	MECH1-0005 (REV1) (101122)	25483-000-M6-AB-00002	1	P&ID MAIN STEAM SYSTEM (LP Steam) AND CONTROL VALVE DRAINS	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00068	12/13/10	12/13/10		12/13/10	Reviewed for Referenced Only
264	MECH-1	MECH1-00005 (REV0) (100930)	25483-000-M6-AB-00002	0	P&ID - STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/30/10		GAKG-00034	10/14/10	10/15/2010 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
265	MECH-1	MECH1-0005 (REV1) (101122)	25483-000-M6-AB-00003	1	P&ID MAIN STEAM SYSTEM (STEAM TURBINE)	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00068	12/13/10	12/13/10		12/13/10	Reviewed for Referenced Only
266	MECH-1	MECH1-00005 (REV0) (100930)	25483-000-M6-AB-00003	0	P&ID - STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/30/10		GAKG-00034	10/14/10	10/15/2010 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
267	MECH-1	MECH1-0005 (REV1) (101122)	25483-000-M6-AB-00004	1	P&ID MAIN STEAM SYSTEM (COLD REHEAT & IP STEAM)	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00068	12/13/10	12/13/10		12/13/10	Reviewed for Referenced Only
268	MECH-1	MECH1-00005 (REV0) (100930)	25483-000-M6-AB-00004	0	P&ID - STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/30/10		GAKG-00034	10/14/10	10/15/2010 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
269	MECH-1	MECH1-0005 (REV1) (101122)	25483-000-M6-AB-00005	1	P&ID MAIN STEAM SYSTEM (HP & HRH STEAM BYPASS)	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00068	12/13/10	12/13/10		12/13/10	Reviewed for Referenced Only
270	MECH-1	MECH1-00005 (REV0) (100930)	25483-000-M6-AB-00005	0	P&ID - STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/30/10		GAKG-00034	10/14/10	10/15/2010 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
271	MECH-1	MECH1-0005 (REV1) (101122)	25483-000-M6-AB-00006	1	P&ID - MAIN STEAM SYSTEM (LP STEAM BYPASS)	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00068	12/13/10	12/13/10		12/13/10	Reviewed for Referenced Only
272	MECH-1	MECH1-00005 (REV0) (100930)	25483-000-M6-AB-00006	0	P&ID - STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/30/10		GAKG-00034	10/14/10	10/15/2010 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
273	MECH-1	MECH1-0001 (REV0) (100907) MECH1-0010 (REV0) (101104)	25483-000-M6-AD-00001	0	P&ID - CONDENSATE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		9/7/2010 11/04/10		GAKG-00017	<input type="checkbox"/> 11/25/10	11/19/10		11/19/10	Reviewed for Referenced Only
274	MECH-1	MECH1-0001 (REV0) (100907) MECH1-0010 (REV0) (101104)	25483-000-M6-AD-00002	0	P&ID - CONDENSATE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		9/7/2010 11/04/10		GAKG-00017	<input type="checkbox"/> 11/25/10	11/19/10		11/19/10	Reviewed for Referenced Only
275	MECH-1	MECH1-0001 (REV0) (100907) MECH1-0010 (REV0) (101104)	25483-000-M6-AD-00003	0	P&ID - CONDENSATE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		9/7/2010 11/04/10		GAKG-00017	<input type="checkbox"/> 11/25/10	11/19/10		11/19/10	Reviewed for Referenced Only
276	MECH-1	MECH1-0001 (REV0) (100907) MECH1-0010 (REV0) (101104)	25483-000-M6-AD-00004	0	P&ID - CONDENSATE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		9/7/2010 11/04/10		GAKG-00017	<input type="checkbox"/> 11/25/10	11/19/10		11/19/10	Reviewed for Referenced Only
277	MECH-1	MECH1-0011 (REV1) (110106)	25483-000-M6-AE-00001	1	P&ID - CONDENSATE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/06/11		GAKG-00128	1/27/11	1/21/11			CBO Comment Sheet zipped with doc in IW

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278	MECH-1	MECH1-0001 (REV0) (100907) MECH1-0011 (REV0) (101104)	25483-000-M6-AE-00001	0	P&ID - CONDENSATE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		9/7/2010 11/04/10		GAKG-00018	11/25/10	11/19/2010 Superseded by REV 1		11/19/10	Reviewed for Referenced Only
279	MECH-1	MECH1-0011 (REV1) (110106)	25483-000-M6-AE-00002	1	P&ID - CONDENSATE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/06/11		GAKG-00128	1/27/11	1/21/11			CBO Comment Sheet zipped with doc in IW
280	MECH-1	MECH1-0001 (REV0) (100907) MECH1-0011 (REV0) (101104)	25483-000-M6-AE-00002	0	P&ID - CONDENSATE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		9/7/2010 11/04/10		GAKG-00018	11/25/10	11/19/2010 Superseded by REV 1		11/19/10	Reviewed for Referenced Only
281	MECH-1	MECH-1 0015 (REV1) (110106)	25483-000-M6-AG-00001	0	P&ID - Unit-1 Combustion Turbine System	P&ID REFERENCE DOCUMENT		Mechanical		01/06/11		GAKG-00127	1/27/11	1/21/11		1/21/11	Reviewed for Referenced Only
282	MECH-1	MECH-1 0015 (REV0) (101222)	25483-000-M6-AG-00001	A	P&ID - Unit-1 Combustion Turbine System	P&ID REFERENCE DOCUMENT		Mechanical		12/23/10		GAKG-00115	1/12/11	1/10/2011 Superseded by REV 1		1/10/11	Reviewed for Referenced Only
283	MECH-1	MECH-1 0015 (REV1) (110106)	25483-000-M6-AG-00002	0	P&ID - Unit-1 Combustion Turbine System	P&ID REFERENCE DOCUMENT		Mechanical		01/06/11		GAKG-00127	1/27/11	1/21/11		1/21/11	Reviewed for Referenced Only
284	MECH-1	MECH-1 0015 (REV0) (101222)	25483-000-M6-AG-00002	A	P&ID - Unit-1 Combustion Turbine System	P&ID REFERENCE DOCUMENT		Mechanical		12/23/10		GAKG-00115	1/12/11	1/10/2011 Superseded by REV 1		1/10/11	Reviewed for Referenced Only
285	MECH-1	MECH-1 0015 (REV1) (110106)	25483-000-M6-AG-00003	0	P&ID - Unit-2 Combustion Turbine System	P&ID REFERENCE DOCUMENT		Mechanical		01/06/11		GAKG-00127	1/27/11	1/10/11		1/10/11	Reviewed for Referenced Only
286	MECH-1	MECH-1 0015 (REV0) (101222)	25483-000-M6-AG-00003	A	P&ID - Unit-2 Combustion Turbine System	P&ID REFERENCE DOCUMENT		Mechanical		12/23/10		GAKG-00115	1/12/11	1/10/2011 Superseded by REV 1		1/10/11	Reviewed for Referenced Only
287	MECH-1	MECH-1 0015 (REV1) (110106)	25483-000-M6-AG-00004	0	P&ID - Unit-2 Combustion Turbine System	P&ID REFERENCE DOCUMENT		Mechanical		01/06/11		GAKG-00127	1/27/11	1/10/11		1/10/11	Reviewed for Referenced Only
288	MECH-1	MECH-1 0015 (REV0) (101222)	25483-000-M6-AG-00004	A	P&ID - Unit-2 Combustion Turbine System	P&ID REFERENCE DOCUMENT		Mechanical		12/23/10		GAKG-00115	1/12/11	1/10/2011 Superseded by REV 1		1/10/11	Reviewed for Referenced Only
289	MECH-1	MECH1-0002 (REV0) (100928)	25483-000-M6-FG-00001	C	P&ID - FUEL GAS SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/28/10		GAKG-00031	10/12/10	10/14/10		10/14/10	Reviewed for Referenced Only
290	MECH-1	MECH1-0002 (REV0) (100928)	25483-000-M6-FG-00002	B	P&ID - FUEL GAS SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/28/10		GAKG-00031	10/12/10	10/14/10		10/14/10	Reviewed for Referenced Only
291	MECH-1	MECH1-0002 (REV0) (100928)	25483-000-M6-FG-00003	B	P&ID - FUEL GAS SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/28/10		GAKG-00031	10/12/10	10/14/10		10/14/10	Reviewed for Referenced Only
292	MECH-1	MECH-1 0013 (REV1) (110113)	25483-000-M6-PA-00001	0	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/13/11		GAKG-00151	2/3/11	1/19/11			REJECTED due to invalid public key for Christopher Loy
293	MECH-1	MECH-1 0013 (REV0) (101122)	25483-000-M6-PA-00001	A	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00080	12/13/10	12/16/2010 Superseded by REV 1		12/16/10	Reviewed for Referenced Only
294	MECH-1	MECH-1 0013 (REV1) (110113)	25483-000-M6-PA-00002	0	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/13/11		GAKG-00151	2/3/11	1/19/11			REJECTED due to invalid public key for Christopher Loy
295	MECH-1	MECH-1 0013 (REV0) (101122)	25483-000-M6-PA-00002	A	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00080	12/13/10	12/16/10		12/16/10	Reviewed for Referenced Only
296	MECH-1	MECH1-0003 (REV1) (110114)	25483-000-M6-PF-00001	0	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL		Mechanical		01/14/11	CL	GAKG-00153	2/4/11	1/19/11			REJECTED due to invalid public key for Christopher Loy
297	MECH-1	MECH1-0003 (REV0) (100928)	25483-000-M6-PF-00001	C	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		Superseded by Rev 1 9/28/2010		GAKG-00032	10/12/10	10/14/2010 Superseded by REV 1			Comment sheet included in zip file of P&ID

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REV 7

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Bechtel Job 25483

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298	MECH-1	MECH1-0003 (REV1) (110114)	25483-000-M6-PF-00002	0	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL		Mechanical		01/14/11	CL	GAKG-00153	2/4/11				
299	MECH-1	MECH1-0003 (REV0) (100928)	25483-000-M6-PF-00002	C	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		Superseded by Rev 1 9/28/2010		GAKG-00032	10/12/10	10/14/2010 Superseded by REV 1			Comment sheet included in zip file of P&ID
300	MECH-1	MECH1-0003 (REV1) (110114)	25483-000-M6-PF-00003	0	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL		Mechanical		01/14/11	CL	GAKG-00153	2/4/11				
301	MECH-1	MECH1-0003 (REV0) (100928)	25483-000-M6-PF-00003	A	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		Superseded by Rev 1 9/28/2010		GAKG-00032	10/12/10	10/14/2010 Superseded by REV 1			Comment sheet included in zip file of P&ID
302	MECH-1	MECH1-0009 (REV2) (101220)	25483-000-M6-PW-00001	A	P&ID DOMESTIC WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		12/20/10		GAKG-00112	1/10/11	1/18/11		1/18/11	Approved
303	MECH-1	MECH1-0009 (REV1) (101208)	25483-000-M6-PW-00001	0	P&ID DOMESTIC WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		12/08/10		GAKG-00101	12/29/10	12/28/2010 Superseded by Rev 2	12/20/10		Comment sheet included in zip file of P&ID
304	MECH-1	MECH1-0009 (REV0) (101101)	25483-000-M6-PW-00001	A	P&ID DOMESTIC WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		11/01/10		GAKG-00052	11/22/10	11/17/2010 Superseded by REV 1		Superseded	Comment sheet included in zip file of P&ID. Next Revision Submitted 12/8/10 - <b>Superseded by Rev 1</b>
305	MECH-1	MECH-1 0016 (REV0) (110111)	25483-000-M6-SA-00001	0	P&ID AUXILIARY STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/11/11		GAKG-00135	2/1/11				
306	MECH-1	MECH-1 0016 (REV0) (110111)	25483-000-M6-SA-00002	0	P&ID AUXILIARY STEAM SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/11/11		GAKG-00135	2/1/11				
307	MECH-1	MECH1-0008 (REV1) (101209)	25483-000-M6-SC-00001	0	P&ID DEMIN WATER STORAGE & DISTRIBUTION SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		12/09/10		GAKG-00103	12/30/10	12/28/10		12/28/10	Reviewed for Referenced Only
308	MECH-1	MECH1-0008 (REV0) (101022)	25483-000-M6-SC-00001	A	P&ID DEMIN WATER STORAGE & DISTRIBUTION SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		10/22/10		GAKG-00048	11/5/10	11/8/2010 Superseded by REV 1		11/8/10	Reviewed for Referenced Only - <b>Superseded by Rev 1</b>
309	MECH-1	MECH-1 0014 (REV0) (101208)	25483-000-M6-SL-00001	A	P&ID STEAM SEAL SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		12/08/10		GAKG-00100	12/29/10	12/28/10			Comment sheet included in zip file of P&ID
310	MECH-1	MECH1-0007 (REV1) (110111)	25483-000-M6-TW-00001	1	P&ID ZERO LIQUID DISCHARGE (ZLD) SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/11/11		GAKG-00138	2/1/11				
311	MECH-1	MECH1-0007 (REV0) (101020)	25483-000-M6-TW-00001	A	P&ID ZERO LIQUID DISCHARGE (ZLD) SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		10/20/10		GAKG-00047	11/3/10	11/5/2010 Superseded by REV 1		11/5/10	Reviewed for Referenced Only
312	MECH-1	MECH1-0004 (REV1) (101122)	25483-000-M6-WB-00001	0	P&ID CLOSE COOLING WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00081	12/13/10	12/13/10		12/13/10	Reviewed for Referenced Only
313	MECH-1	MECH1-0004 (REV0) (100928)	25483-000-M6-WB-00001	A	P&ID CLOSE COOLING WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/28/10		GAKG-00033	10/12/10	10/14/2010 Superseded by REV 1		10/14/10	Reviewed for Referenced Only
314	MECH-1	MECH1-0004 (REV1) (101122)	25483-000-M6-WB-00002	0	P&ID CLOSE COOLING WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00081	12/13/10	12/13/10		12/13/10	Reviewed for Referenced Only
315	MECH-1	MECH1-0004 (REV0) (100928)	25483-000-M6-WB-00002	A	P&ID CLOSE COOLING WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/28/10		GAKG-00033	10/12/10	10/14/2010 Superseded by REV 1		10/14/10	Reviewed for Referenced Only
316	MECH-1	MECH1-0001 (REV0) (100914)	25483-000-M6-WL-00001	A	P&ID CIRCULATING WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/14/10		GAKG-00021	9/28/10	10/20/10		10/20/10	Reviewed for Referenced Only
317	MECH-1	MECH1-0001 (REV0) (100914)	25483-000-M6-WL-00002	A	P&ID CIRCULATING WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		09/14/10		GAKG-00021	9/28/10	10/20/10		10/20/10	Reviewed for Referenced Only
318	MECH-1	MECH1-0007 (REV0) (101020)	25483-000-M6-WR-00001	A	P&ID- RECYCLED WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		10/20/10		GAKG-00047	11/3/10	11/5/10		11/5/10	Reviewed for Referenced Only
319	MECH-1	MECH1-0008 (REV1) (101208)	25483-000-M6-WS-00001	0	P&ID SERVICE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		12/08/10		GAKG-00102	12/29/10	12/28/10		12/28/10	Reviewed for Referenced Only

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320	MECH-1	MECH1-0008 (REV0) (101022)	25483-000-M6-WS-00001	A	P&ID SERVICE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		10/22/10		GAKG-00048	11/5/10	11/8/2010 Superseded by REV 1		11/8/10	Reviewed for Referenced Only - <b>Superseded by Rev 1</b>
321	MECH-1	MECH1-0008 (REV1) (101208)	25483-000-M6-WS-00002	0	P&ID SERVICE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		12/08/10		GAKG-00102	12/29/10	12/28/10		12/28/10	Reviewed for Referenced Only
322	MECH-1	MECH1-0008 (REV0) (101022)	25483-000-M6-WS-00002	A	P&ID SERVICE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		10/22/10		GAKG-00048	11/5/10	11/8/2010 Superseded by REV 1		11/8/10	Reviewed for Referenced Only - <b>Superseded by Rev 1</b>
323	MECH-1	MECH-1 0013 (REV1) (110117)	25483-000-M6-XN-00001	0	P&ID SANITARY SERVICE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/17/11		GAKG-00155	2/7/11				
324	MECH-1	MECH-1 0013 (REV0) (101122)	25483-000-M6-XN-00001	A	P&ID SANITARY SERVICE SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		11/22/10		GAKG-00080	12/13/10	12/16/2010 Superseded by REV 1		12/16/10	Reviewed for Referenced Only
325	MECH-1	MECH-1 0014 (REV1) (110127)	25483-000-M6-XW-00001	0	P & ID WASTE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/27/11		GAKG-00163	2/17/11				
326	MECH-1	MECH-1 0014 (REV0) (101208)	25483-000-M6-XW-00001	A	P & ID WASTE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		12/08/10		GAKG-00100	12/29/10	12/28/2010 Superseded by REV 1	1/25/11		Comment sheet included in zip file of P&ID
327	MECH-1	MECH-1 0014 (REV1) (110127)	25483-000-M6-XW-00002	0	P & ID WASTE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/27/11		GAKG-00163	2/17/11				
328	MECH-1	MECH-1 0014 (REV0) (101208)	25483-000-M6-XW-00002	A	P & ID WASTE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		12/08/10		GAKG-00100	12/29/10	12/28/2010 Superseded by REV 1	1/25/11		Comment sheet included in zip file of P&ID
329	MECH-1	MECH-1 0017 (REV0) (110125)	25483-000-M6-XW-00003	0	P & ID WASTE WATER SYSTEM	P&ID REFERENCE DOCUMENT		Mechanical		01/25/11		GAKG-00164	2/15/11				
330	MECH-1		25483-000-M6-XW-00005		P&ID SANITARY WASTE SYSTEM			Mechanical	Q2, 2011								
331	MECH-1	MECH-1 0010 (REV0) (101118)	25483-000-M6J-YA-00001	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT		Mechanical		11/18/10		GAKG-00067	12/16/10	12/9/10		12/9/10	Reviewed for Referenced Only
332	MECH-1	MECH-1 0010 (REV0) (101118)	25483-000-M6J-YA-00002	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT		Mechanical		11/18/10		GAKG-00067	12/16/10	12/9/10		12/9/10	Reviewed for Referenced Only
333	MECH-1	MECH-1 0010 (REV1) (110106)	25483-000-M6J-YA-00003	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT		Mechanical		01/06/11		GAKG-00133	1/27/11	1/21/11		1/21/11	<b>Approved</b>
334	MECH-1	MECH-1 0010 (REV0) (101118)	25483-000-M6J-YA-00003	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT		Mechanical		11/18/10		GAKG-00067	12/16/10	12/9/2010 Superseded by REV 1		12/9/10	Reviewed for Referenced Only
335	MECH-1	MECH-1 0010 (REV0) (101118)	25483-000-M6J-YA-00004	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT		Mechanical	Q3, 2010	11/18/10		GAKG-00067	12/16/10	12/9/10		12/9/10	Reviewed for Referenced Only
336	MECH-1	MECH-1 0010 (REV0) (101118)	25483-000-M6J-YA-00005	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT		Mechanical	Q3, 2010	11/18/10		GAKG-00067	12/16/10	12/9/10		12/9/10	Reviewed for Referenced Only
337	MECH-1		25483-000-V00-MLXR-XXXXX		WATER TREATMENT GENERAL ARRANGMENT PLAN AND STRUCTURAL NOTES			Mechanical	Q4, 2010								
338	MECH-1		25483-000-V00-MLXR-XXXXX		WATER TREATMENT LOAD TABLE			Mechanical	Q4, 2010								
339	MECH-1		25483-000-V00-MLXR-XXXXX		WATER TREATMENT ANCHOR BOLT LAYOUT PLAN			Mechanical	Q4, 2010								
340	MECH-1		25483-000-V00-MEVV-XXXXX		WATER TREATMENT GENERAL ARRANGMENT PLAN AND STRUCTURAL NOTES			Mechanical	Q4, 2010								
341	MECH-1		25483-000-V00-MEVV-XXXXX		WATER TREATMENT LOAD TABLE			Mechanical	Q4, 2010								
342	MECH-1		25483-000-V00-MEVV-XXXXX		WATER TREATMENT ANCHOR BOLT LAYOUT PLAN			Mechanical	Q4, 2010								
343	MECH-3		25483-000-3PS-MA00-00000		FURNISHING, DESIGNING, INSTALLING AND TESTING OF HVAC SYSTEMS			Mechanical	Q2, 2011								
344	MECH-3		25483-000-MOC-VB-00001		HVAC SYSTEM REQUIREMENTS (MISC BUILDINGS)			Mechanical	Q2, 2011								

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345	MECH-3		25483-000-V00-MA00-XXXXX		HVAC SYSTEM DESIGN CALCULATIONS			Mechanical	Q2, 2011								
346	MECH-3		25483-000-V00-MA00-XXXXX		HVAC EQUIPMENT SCHEDULE AND LEGEND			Mechanical	Q3, 2011								
347	MECH-3		25483-000-V00-MA00-XXXXX		HVAC TEMPERATURE CONTROL DETAILS			Mechanical	Q3, 2011								
348	MECH-3		25483-000-V00-MA00-XXXXX		HVAC ELEC. SWITCHGEAR, SWITCHYARD CONTROL HOUSE, ACC MCG BLDG, MECHANICAL			Mechanical	Q3, 2011								
349			25483-000-3RC-H01G-00004		NOISE CONTROL PLAN			Mechanical	Q4, 2010								
350	STRUC-1	STRUC-1 C04G (REV0) (101123)	25483-000-3DR-C04G-00001		CIVIL/STRUCTURAL DESIGN CRITERIA FOR THE RUSSELL CITY ENERGY CENTER	REFERENCE DOCUMENT		Civil		11/23/10		GAKG-00085	12/14/10	12/14/10			CBO Comment Response Rec'd 12/14/10 zipped with document in IW
351	STRUC-1		25483-000-3PS-CG01-00001		TECHNICAL SPECIFICATION FOR THE DESIGN AND CONSTRUCTION OF THE SITE ROAD			Civil	Q2, 2011								
352	STRUC-1	STRUC-1 CP00 (REV0) (101018)	25483-000-3PS-CP00-00001	1	TECHNICAL SPECIFICATION FOR DESIGNING, FURNISHING, INSTALLING, AND TESTING DRIVEN PRECAST PRESTRESSED CONCRETE PILES	Specification		Civil		10/18/10	DG	GAKG-00046	11/1/10	10/29/10		10/29/10	Approved
353	STRUC-1	STRUC-1 DB01 (REV0) (101011) (COMBO)	25483-000-3PS-DB01-00001	0	TECHNICAL SPECIFICATION FOR FURNISHING PORTLAND CEMENT CONCRETE	Specification		Civil		10/11/10	RK	GAKG-00041	10/25/10	10/21/10		10/22/10	Approved
354	STRUC-1	STRUC-1 DG01 (REV0) (101109)	25483-000-3PS-DG01-00001	0	TECHNICAL SPECIFICATION FOR FURNISHING AND FABRICATING REINFORCING STEEL FOR RCEC	Specification		Civil		11/09/10	RK	GAKG-00059	11/30/10	11/19/10		11/18/10	Approved
355	STRUC-1	STRUC-1 SS01 (REV0) (101109)	25483-000-3PS-SS01-00001	0	TECHNICAL SPECIFICATION FOR PURCHASE OF STRUCTURAL AND MISCELLANEOUS STEEL FOR RCEC	Specification		Civil		11/09/10	RK	GAKG-00060	11/30/10	11/19/10		11/18/10	Approved
356	STRUC-1		25483-000-3PS-SY01-00001		CONCRETE AND EARTHWORK TESTING SERVICES			Civil	10/21/10								
357	STRUC-1		25483-000-3SS-SS-701		TECHNICAL SPECIFICATION FOR PURCHASE OF STRUCTURAL AND MISCELLANEOUS STEEL			Civil	Q1, 2011								
358	STRUC-1		25843-000-A1-3210-00001		COOLING TOWER ELECTRICAL BUILDING PLAN			Architectural	Q1, 2011								
359	STRUC-1		25843-000-A1-3210-00002		ELECTRICAL SWITCHGEAR BUILDING PLAN			Architectural	Q1, 2011								
360	STRUC-1		25843-000-A1-3210-00003		STG ELECTRICAL BUILDING PLAN			Architectural	Q1, 2011								
361	STRUC-1		25843-000-A2-3290-00001		COOLING TOWER ELECTRICAL BUILDING ELEVATIONS, SECTIONS			Architectural	Q1, 2011								
362	STRUC-1		25843-000-A2-3290-00002		ELECTRICAL SWITCHGEAR BUILDING ELEVATIONS AND SECTIONS			Architectural	Q1, 2011								
363	STRUC-1		25843-000-A2-3290-00003		STG ELECTRICAL BUILDING ELEVATIONS AND SECTIONS			Architectural	Q1, 2011								
364	STRUC-1	STRUC-1 CP1101 (REV2) (110128)	25483-000-CP-1100-00001	1	HRSG AND STACK PILE LOCATION PLAN	Drawing		Civil		01/28/11		GAKG-00169	1/28/11				
365	STRUC-1	STRUC-1 CP1101 (REV1) (110127)	25483-000-CP-1100-00001	1	HRSG AND STACK PILE LOCATION PLAN	Drawing		Civil		01/27/11		GAKG-00169	1/28/11	Superseded by 1/28/2011			Rejected - Reference document needs doc number
366	STRUC-1	STRUC-1 CP1101 (REV0) (101115)	25483-000-CP-1100-00001	0	HRSG AND STACK PILE LOCATION PLAN	Drawing		Civil		11/15/10	RK	GAKG-00064	11/22/10	11/22/2010 Superseded by REV1		11/22/10	Approved
367	STRUC-1	STRUC-1 CP1401 (REV1) (101230)	25483-0-CP-1400-00001	0	COMBUSTION TURBINE GENERATOR, PILE LOCATON PLAN	Drawing		Civil		12/30/10	RK	GAKG-00124	1/7/11	1/14/11		1/14/11	Approved
368	STRUC-1	STRUC-1 CP1401 (REV0) (101201)	25483-0-CP-1400-00001	0	COMBUSTION TURBINE GENERATOR, PILE LOCATON PLAN	Drawing		Civil		12/01/10	RK	GAKG-00093	12/22/10	12/17/2010 Superseded by REV1	12/30/10		CBO COMMENT Response Rec'd 12/17/10 zipped with document in IW
369	STRUC-1	STRUC-1 CP1402 (REV0) (110107)	25483-0-CP-1400-00002	0	Combustion Turbine #1 & #2, Area Slab, Pile location plan	Drawing		Civil		01/07/11	RK	GAKG-00134	1/27/11				
370	STRUC-1	STRUC1 CPC (REV1) (101130)	25483-000-CPC-1100-00001	1	HRSG AND STACK PILE ARRANGEMENT AND ADEQUACY CALCULATION	Calculation		Civil		11/30/10	RK	GAKG-00091	12/7/10	12/14/10		12/14/10	Approved

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371	STRUC-1	STRUC1 CPC (REV0) (101102)	25483-000-CPC-1100-00001	0	HRSG AND STACK PILE ARRANGEMENT AND ADEQUACY CALCULATION	Calculation		Civil		11/02/10	RK	GAKG-00055	11/16/10	11/15/2010 Superseded by REV 1	11/30/10	Superseded	Comment Response from CBO zipped with document in IW Comment Response from Bechtel RE zipped with document in IW and (REV1) Submitted to CBO <b>Superseded by REV 1</b>
372	STRUC-1	STRUC-1 CP1402 (REV0) (110107)	25483-000-CPC-1411-00001	0	CTG Area Foundation-Pile Adequacy Check	Drawing		Civil		01/07/11	RK	GAKG-00134	1/27/11				
373	STRUC-1		25483-000-DB-2111-00001		INTERNAL DRAIN TANK PIT PLAN, SECTIONS & DETAILS			Civil	Q2, 2011								
374	STRUC-1	STRUC-1 D001 (REV0) (101223)	25483-0-D0-0000-00001	1	Civil-Structural Standards Concrete Sheet 1 General Notes and Legend	Drawing		Civil		12/23/10	RK	GAKG-00119	1/13/11	1/12/10			CBO Comments Rec'd and zipped with drawings in IW
375	STRUC-1	STRUC-1 D001 (REV0) (101223)	25483-0-D0-0000-00002	0	Civil/Structural Standards Concrete Sheet 2 Typical Sections and Details	Drawing		Civil		12/23/10	RK	GAKG-00119	1/13/11	1/12/10			CBO Comments Rec'd and zipped with drawings in IW
376	STRUC-1	STRUC-1 D001 (REV0) (101223)	25483-0-D0-0000-00003	0	Civil/Structural Standards Concrete Sheet 3 Typical Sections and Details	Drawing		Civil		12/23/10	RK	GAKG-00119	1/13/11	1/12/10			CBO Comments Rec'd and zipped with drawings in IW
377	STRUC-1	STRUC-1 D001 (REV0) (101223)	25483-0-D0-0000-00004	0	Civil/Structural Standards Concrete Sheet 4 Typical Sections and Details	Drawing		Civil		12/23/10	RK	GAKG-00119	1/13/11	1/12/10			CBO Comments Rec'd and zipped with drawings in IW
378	STRUC-1		25483-000-DB-2111-00002		INTERNAL DRAIN TANK PIT SECTIONS AND DETAILS			Civil	Q2, 2011								
379	STRUC-1		25483-000-DB-3200-00001		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION			Civil	Q2, 2011								
380	STRUC-1		25483-000-DB-3290-00001		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION SECTIONS AND DETAILS			Civil	Q2, 2011								
381	STRUC-1		25483-000-DB-3290-00002		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION			Civil	Q1, 2011								
382	STRUC-1		25483-000-DB-6110-00001		AMMONIA STORAGE TANK FOUNDATION PLAN SECTIONS AND DETAILS			Civil	Q2, 2011								
383	STRUC-1		25483-000-DB-7110-00001		FIRE/FILTER & DEMINERALIZED WATER TANK FOUNDATIONS PLAN - SECTION AND DETAILS			Civil	Q2, 2011								
384	STRUC-1		25483-000-DB-7110-00002		WATER TREATMENT BUILDING FOUNDATION PLAN			Civil	Q2, 2011								
385	STRUC-1		25483-000-DB-7110-00003		WATER TREATMENT BUILDING PAD & ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
386	STRUC-1		25483-000-DB-7110-00004		WATER TREATMENT MISC. YARD EQUIPMENT FOUNDATION			Civil	Q2, 2011								
387	STRUC-1		25483-000-DB-7190-00001		TITLE 22 RECYCLED WATER TREATMENT FACILITY FOUNDATIONS SECTIONS & DETAILS			Civil	Q2, 2011								
388	STRUC-1		25483-000-DB-7190-00002		ZERO LIQUID DISCHARGE FACILITY FOUNDATIONS SECTIONS & DETAILS			Civil	Q2, 2011								
389	STRUC-1		25483-000-DB-7210-00002		COOLING TOWER CONCRETE FOUNDATIONS SHEET 1			Civil	Q2, 2011								
390	STRUC-1		25483-000-DB-7210-00003		COOLING TOWER CONCRETE FOUNDATIONS SHEET 2			Civil	Q2, 2011								
391	STRUC-1		25483-000-DB-7210-00004		COOLING TOWER CONCRETE FOUNDATIONS SHEET 3			Civil	Q2, 2011								
392	STRUC-1		25483-000-DB-7210-00005		COOLING TOWER CONCRETE FOUNDATIONS SHEET 4			Civil	Q2, 2011								
393	STRUC-1		25483-000-DB-7290-00001		COOLING TOWER CONCRETE NEAT LINE AND REINFORCING			Civil	Q2, 2011								
394	STRUC-1		25483-000-DB-7710-00001		OIL/WATER SEPARATOR-FOUNDATIONS PLAN SECTIONS AND DETAILS			Civil	Q2, 2011								
395	STRUC-1		25483-000-DB-9010-00001		MISCELLANEOUS CONCRETE FOUNDATION			Civil	Q2, 2011								
396	STRUC-1		25483-000-DB-9010-00002		MISCELLANEOUS CONCRETE FOUNDATION SHEET 2			Civil	Q2, 2011								
397	STRUC-1		25483-000-DB-9210-00001		PIPE RACK FOUNDATION CONCRETE NEAT LINE & REINFORCING PLAN, SHEET 1			Civil	Q2, 2011								
398	STRUC-1		25483-000-DB-9210-00002		PIPE RACK FOUNDATION CONCRETE NEAT LINE & REINFORCING PLAN, SHEET 2			Civil	Q2, 2011								
399	STRUC-1		25483-000-DB-9290-00001		PIPE RACK FOUNDATION SECTIONS AND DETAILS			Civil	Q2, 2011								
400	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-001-DB-1110-00001	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 1)			Civil		01/25/11	RK	GAKG-00161	2/15/11				
401	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-001-DB-1110-00002	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)			Civil		01/25/11	RK	GAKG-00161	2/15/11				
402	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-002-DB-1110-00001	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 1)			Civil		01/25/11	RK	GAKG-00161	2/15/11				

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403	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-002-DB-1110-00002	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)			Civil		01/25/11	RK	GAKG-00161	2/15/11				
404	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DBC-1100-00001	0	HRSG & STACK PILECAP CALCULATION			Civil		01/25/11	RK	GAKG-00161	2/15/11				
405	STRUC-1		25483-000-DBC-1110-00001		DESIGN OF HRSG AND STACK FOUNDATION, UNIT 1			Civil									
406	STRUC-1		25483-000-DBC-1110-00004		HRSG STAIR FOUNDATION, UNIT 2			Civil	Q1, 2011								
407	STRUC-1		25483-000-DBC-1110-00005		HRSG AREA SLAB			Civil	Q1, 2011								
408	STRUC-1		25483-000-DBC-1110-00006		KETTLE BOILER PIERS			Civil	Q2, 2011								
409	STRUC-1		25483-000-DBC-1210-00001		BOILER FEEDWATER PUMP BUILDING FOUNDATION			Civil	Q2, 2011								
410	STRUC-1		25483-000-DBC-1210-00002		BOILER FEEDWATER PUMP FOUNDATION DESIGN			Civil	Q2, 2011								
411	STRUC-1		25483-000-DBC-1210-00003		CHEMICAL SUN SHADE AND FEED SYSTEM FOUNDATIONS			Civil	Q2, 2011								
412	STRUC-1		25483-000-DBC-1400-00001		COMBUSTION TURBINE WASH WATER SUMP CALCULATION			Civil	Q2, 2011								
413	STRUC-1		25483-000-DBC-1400-00002		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS			Civil	Q1, 2011								
414	STRUC-1	STRUC-1 CP1401 (REV1) (101230)	25483-000-DBC-1410-00001	0	COMBUSTION TURBINE FOUNDATION DESIGN, UNIT 1 CALC	Calculation		Civil		12/30/10	RK	GAKG-00124	1/7/11	1/14/11	12/30/10	1/14/11	Approved
415	STRUC-1	STRUC-1 CP1401 (REV0) (101201)	25483-000-DBC-1410-00001	0	CTG FOUNDATION - ANALYSIS AND DESIGN CALCULATION	Calculation		Civil		12/01/10	RK	GAKG-00093	12/22/10	12/17/2010 Superseded by REV1			CBO COMMENT Response Rec'd 12/17/10 zipped with document in IW
416	STRUC-1		25483-000-DBC-1410-00002		COMBUSTION TURBINE FOUNDATION DESIGN, UNIT 2			Civil	Q2, 2011								
417	STRUC-1		25483-000-DBC-1411-00001		COMBUSTION TURBINE - AIR INLET AND SILENCER FOUNDATION, UNIT 1 CALC			Civil	Q2, 2011								
418	STRUC-1		25483-000-DBC-1411-00002		COMBUSTION TURBINE - AIR INLET AND SILENCER FOUNDATION, UNIT 2			Civil	Q2, 2011								
419	STRUC-1		25483-000-DBC-1411-00003		COMBUSTION TURBINE AREA SLAB			Civil	Q2, 2011								
420	STRUC-1		25483-000-DBC-1411-00004		DESIGN OF EXHAUST FOUNDATION INTERFACE			Civil	Q2, 2011								
421	STRUC-1		25483-000-DBC-1411-00005		CT GENERATOR BREAKER FOUNDATION			Civil	Q2, 2011								
422	STRUC-1		25483-000-DBC-1491-00001		COMBUSTION TURBINE ELECTRIC PEEC STEEL DESIGN CALC			Civil	Q2, 2011								
423	STRUC-1		25483-000-DBC-1491-00002		COMBUSTION TURBINE - ANCHOR BOLT ON PEEC PACKAGE			Civil	Q2, 2011								
424	STRUC-1		25483-000-DBC-2111-00001		INTERNAL DRAIN TANK SUMP			Civil	Q2, 2011								
425	STRUC-1		25483-000-DBC-2410-00002		STEAM TURBINE PEDESTAL DESIGN CALCULATION			Civil	Q2, 2011								
426	STRUC-1		25483-000-DBC-3200-00001		DESIGN OF SWITCHGEAR BUILDING VAULT			Civil	Q2, 2011								
427	STRUC-1		25483-000-DBC-3200-00002		DUCT BANK OPENINGS IN PIT WALLS OF SWITCHGEAR BUILDING			Civil	Q1, 2011								
428	STRUC-1		25483-000-DBC-3200-00003		SWITCHGEAR BUILDING SLAB ON GRADE			Civil	Q1, 2011								

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429	STRUC-1		25483-000-DBC-3310-00001		DESIGN OF FOUNDATION AND PIT FOR CTG TRANSFORMER AND UNIT AUX TRANSFORMER			Civil	Q2, 2011								
430	STRUC-1		25483-000-DBC-3310-00002		DESIGN OF EMBEDDED PLATES FOR CTG TRANSFORMER AND UNIT AUX TRANSFORMER			Civil	Q2, 2011								
431	STRUC-1		25483-000-DBC-4410-00001		CEMS FOUNDATION DESIGN			Civil	Q2, 2011								
432	STRUC-1		25483-000-DBC-6110-00001		AMMONIA STORAGE TANK FOUNDATIONS			Civil	Q2, 2011								
433	STRUC-1		25483-000-DBC-7110-00001		FIELD ERECTED TANK FOUNDATIONS			Civil	Q2, 2011								
434	STRUC-1		25483-000-DBC-7110-00002		WATER TREATMENT BUILDING FOUNDATION AND ASSOCIATED EQUIPMENT			Civil	Q2, 2011								
435	STRUC-1		25483-000-DBC-7110-00003		WATER TREATMENT BUILDING - MASONRY WALL DESIGN			Civil	Q2, 2011								
436	STRUC-1		25483-000-DBC-7110-00004		MISC. WATER TREATMENT SYSTEM YARD EQUIPMENT FOUNDATION			Civil	Q2, 2011								
437	STRUC-1		25483-000-DBC-7200-00001		CONDENSATE PUMP FOUNDATION CALCULATIONS			Civil	Q2, 2011								
438	STRUC-1		25483-000-DBC-7210-00001		COOLING TOWER FOUNDATION DESIGN			Civil	Q2, 2011								
439	STRUC-1		25483-000-DBC-7210-00003		COOLING TOWER ANCHOR BOLT DUCTILITY CALC			Civil	Q2, 2011								
440	STRUC-1		25483-000-DBC-7210-00004		COOLING TOWER STAIR FOUNDATION CLACULATION			Civil	Q2, 2011								
441	STRUC-1		25483-000-DBC-7210-00005		CONDENSATE COOLING TOWER TANK FOUNDATION			Civil	Q2, 2011								
442	STRUC-1		25483-000-DBC-7210-00009		COOLING TOWER/MCC BUILDING SLAB ON GRADE			Civil	Q2, 2011								
443	STRUC-1		25483-000-DBC-9210-00001		PIPE RACK AND STAIR TOWER FOUNDATION			Civil	Q2, 2011								
444	STRUC-1		25483-000-DBC-9210-00002		GAS PREHEATER PIER DESIGN			Civil	Q2, 2011								
445	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DD-1110-00001	0	HRSG & STACK UNIT 1 & UNIT 2 FOUNDATION SOLE PLATE & SHEAR KEY DETAILS			Civil		01/25/11	RK	GAKG-00161	2/15/11				
446	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DD-1110-00002	0	HRSG & STACK UNIT 1 & UNIT 2 FOUNDATION SOLE PLATE & SHEAR KEY DETAILS			Civil		01/25/11	RK	GAKG-00161	2/15/11				
447	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DDC-1110-00001	0	HRSG & STACK FOUNDATION - EMBED DESIGN			Civil		01/25/11	RK	GAKG-00161	2/15/11				
448	STRUC-1		25483-000-DDC-1410-00001		COMBUSTION TURBINE - ANCHOR BOLT DUCTILITY CALC			Civil	Q2, 2011								
449	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DG-1110-00001	0	HRSG & STACK UNIT 1 & UNIT 2, FOUNDATION REBAR PLAN & DETAILS			Civil		01/25/11	RK	GAKG-00161	2/15/11				
450	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DG-1110-00002	0	HRSG & STACK UNIT 1 & UNIT 2, FOUNDATION REBAR AROUND ANCHOR BOLT (SHEET 1)			Civil		01/25/11	RK	GAKG-00161	2/15/11				
451	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DG-1110-00003	0	HRSG & STACK UNIT 1 & UNIT 2, FOUNDATION REBAR AROUND ANCHOR BOLT (SHEET 2)			Civil		01/25/11	RK	GAKG-00161	2/15/11				
452	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DG-1190-00001	0	HRSG & STACK UNIT 1 & UNIT 2, FOUNDATION REBAR SECTIONS			Civil		01/25/11	RK	GAKG-00161	2/15/11				
453	STRUC-1	STRUC-1 S001 (REV0) (110111)	25483-000-S0-0000-00001	0	CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL, SHEET 1 GENERAL NOTES & LEGEND	DRAWING		Structural		01/11/11	RP	GAKG-00136	2/1/11				

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454	STRUC-1	STRUC-1 S001 (REV0) (110111)	25483-000-S0-0000-00002	0	CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL, SHEET 2 GRATING & CHECKER PLATE	DRAWING		Structural		01/11/11	RP	GAKG-00136	2/1/11				
455	STRUC-1	STRUC-1 S001 (REV0) (110111)	25483-000-S0-0000-00003	0	CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL DETAILS, SHEET 3 CONNECTIONS TYP SECTIONS & DETAILS	DRAWING		Structural		01/11/11	RP	GAKG-00136	2/1/11				
456	STRUC-1	STRUC-1 S001 (REV0) (110111)	25483-000-S0-0000-00004	0	CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL, SHEET 4 CONNECTIONS TYP SECTIONS & DETAILS	DRAWING		Structural		01/11/11	RP	GAKG-00136	2/1/11				
457	STRUC-1	STRUC-1 S001 (REV0) (110111)	25483-000-S0-0000-00005	0	CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL, SHEET 5 STAIRS & HANDRAILS SECTIONS & DETAILS	DRAWING		Structural		01/11/11	RP	GAKG-00136	2/1/11				
458	STRUC-1	STRUC-1 S001 (REV0) (110111)	25483-000-S0-0000-00006	0	CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL, SHEET 6 STAIRS & HANDRAILS SECTIONS & DETAILS	DRAWING		Structural		01/11/11	RP	GAKG-00136	2/1/11				
459	STRUC-1	STRUC-1 S001 (REV0) (110111)	25483-000-S0-0000-00007	0	CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL, SHEET 7 LADDERS & GIRTS SECTIONS & DETAILS	DRAWING		Structural		01/11/11	RP	GAKG-00136	2/1/11				
460	STRUC-1		25483-000-SS-1410-00001		GENERATOR CIRCUIT BREAKER SUPPORT STRUCTURE			Structural	Q2, 2011								
461	STRUC-1		25483-000-SS-7210-00001		COOLING TOWER AREA CHEMICAL SUN SHADE			Structural	Q2, 2011								
462	STRUC-1		25483-000-SS-9200-00001		PIPE RACK			Structural	Q2, 2011								
463	STRUC-1		25483-000-SS-9210-00001		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1			Structural	Q2, 2011								
464	STRUC-1		25483-000-SS-9210-00002		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2			Structural	Q2, 2011								
465	STRUC-1		25483-000-SS-9210-00003		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1			Structural	Q2, 2011								
466	STRUC-1		25483-000-SS-9210-00004		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2			Structural	Q2, 2011								
467	STRUC-1		25483-000-SS-9210-00005		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1			Structural	Q2, 2011								
468	STRUC-1		25483-000-SS-9210-00006		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2			Structural	Q2, 2011								
469	STRUC-1		25483-000-SS-9210-00007		PIPE RACK STEEL PLAN AT EL. XX'			Structural	Q2, 2011								
470	STRUC-1		25483-000-SS-9211-00001		PIPE RACK STAIR TOWER			Structural	Q2, 2011								
471	STRUC-1		25483-000-SS-9211-00002		MISCELLANEOUS PIPE RACK STAIRS AND PLATFORMS			Structural	Q2, 2011								
472	STRUC-1		25483-000-SS-9290-00001		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 1			Structural	Q2, 2011								
473	STRUC-1		25483-000-SS-9290-00002		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 2			Structural	Q2, 2011								
474	STRUC-1		25483-000-SS-9290-00003		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 3			Structural	Q2, 2011								
475	STRUC-1		25483-000-SS-9290-00004		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 4			Structural	Q2, 2011								
476	STRUC-1		25483-000-SSC-1410-00002		CIRCUIT BREAKER SUPPORT STRUCTURE			Structural	Q2, 2011								
477	STRUC-1		25483-000-SSC-7210-00001		CHEMICAL SUN SHADE STRUCTURE @ COOLING TOWER CALCULATION			Structural	Q2, 2011								
478	STRUC-1		25483-000-SSC-9210-00001		PIPERACK CALCULATIONS			Structural	Q2, 2011								
479	STRUC-1		25483-000-SSC-9211-00001		STAIR TOWER AT THE WEST END OF THE PIPE RACK			Structural	Q2, 2011								
480	STRUC-1		25483-000-SSC-XXX		ELECTRICAL ABOVE GROUND RACEWAY SUPPORT CALCULATIONS			Structural	Q2, 2011								
481	STRUC-1				ERECTION DRAWING FOR COOLING TOWER BUILDING			Structural	Q2, 2011								
482	STRUC-1				ERECTION DRAWING FOR COOLING TOWER BUILDING			Structural	Q2, 2011								
483	STRUC-1				DESIGN CERTIFICATION ENGINEERING CALCULATION FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
484	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
485	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
486	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								

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487	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
488	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
489	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
490	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
491	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
492	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
493	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
494	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
495	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
496	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
497	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
498	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Structural	Q2, 2011								
499	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RWF ELECTRICAL BUILDING PLANS, ELEVATIONS			Architectural	Q2, 2011								
500	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RWF ELECTRICAL BUILDING ENGINEERING CALCULATIONS			Architectural	Q2, 2011								
501	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RFP ELECTRICAL BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
502	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RFP ELECTRICAL BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
503	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RFP ELECTRICAL BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
504	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RFP ELECTRICAL BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
505	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RFP ELECTRICAL BUILDING DETAILS			Architectural	Q2, 2011								
506	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RFP ELECTRICAL BUILDING FRAMING DETAILS			Architectural	Q2, 2011								
507	STRUC-1		25843-000-V00-AKBS-XXXXX		WT LAB/RFP ELECTRICAL BUILDING DESIGN CERTIFICATION			Architectural	Q2, 2011								
508	STRUC-1		25843-000-V00-AKBS-XXXXX		BUILDING DATA AND NOTES			Architectural	Q2, 2011								
509	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING PLANS, ELEVATIONS			Architectural	Q2, 2011								
510	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING ENGINEERING CALCULATIONS			Architectural	Q2, 2011								
511	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
512	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
513	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
514	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
515	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING DETAILS			Architectural	Q2, 2011								
516	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING FRAMING DETAILS			Architectural	Q2, 2011								
517	STRUC-1		25843-000-V00-AKBS-XXXXX		ZLD CONTROL AND ELECTRICAL BUILDING DESIGN CERTIFICATION			Architectural	Q2, 2011								
518	STRUC-1		25843-000-V00-AKBS-XXXXX		ADMIN BUILDING FIRE PROTECTION DESIGN CALCULATIONS			Architectural	Q1, 2011								

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519	STRUC-1		25843-000-V00-AKBS-XXXXX		ADMIN BUILDING FIRE PROTECTION DRAWINGS			Architectural	Q1, 2011								
520	STRUC-1		25843-000-V00-AKBS-XXXXX		Admin Building HVAC system design calculations			Structural	Q4, 2010								
521	STRUC-1		25843-000-V00-AKBS-XXXXX		Admin Building HVAC system drawings			Civil	10/30/10								
522	STRUC-1		25843-000-V00-AKBS-XXXXX		Admin Building lighting and electrical design calculations			Structural	Q4, 2010								
523	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING MECHANICAL DUCTWORK			Architectural	Q2, 2011								
524	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING MECHANICAL DETAILS			Architectural	Q2, 2011								
525	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING TITLE 24 SHEETS			Architectural	Q2, 2011								
526	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING PLUMBING DRAWINGS			Architectural	Q2, 2011								
527	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
528	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
529	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL ERECTION DRAWINGS			Architectural	Q2, 2011								
530	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SURFACES FOR ACCESS FLOORS			Architectural	Q2, 2011								
531	STRUC-1		25483-000-V00-CP00-XXXXX		MANUAL FOR QUALITY CONTROL AND PRODUCTION OF STRUCTURAL PRECAST CONCRETE			Civil	Q2, 2011								
532	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER FOUNDATION LOADS			Mechanical	Q2, 2011								
533	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER TYPICAL CONNECTIONS DETAILS			Mechanical	Q3, 2011								
534	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER TYPICAL CONNECTIONS DETAILS			Mechanical	Q3, 2011								
535	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER STRUCTURAL STEEL CALCULATIONS FOR STAIRCASE (MAIN CALCULATION)			Mechanical	Q3, 2011								
536	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER STRUCTURAL STEEL CALCULATIONS FOR LADDER SUPPORT			Mechanical	Q3, 2011								
537	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER DESIGN CALCULATIONS - COOLING TOWER SUPPORT STRUCTURE			Mechanical	Q3, 2011								
538	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER DESIGN CALCULATIONS - COOLING TOWER SUPPORT STRUCTURE			Mechanical	Q3, 2011								
539	STRUC-1		25483-000-V00-MEAA-XXXXX		STRUCTURAL CALCULATIONS FOR COOLING TOWER (MAIN CALCULATION)			Mechanical	Q3, 2011								
540	STRUC-1		25483-000-V00-MEAA-XXXXX		SUPPORT STRUCTURE SIDE VIEW			Mechanical	Q3, 2011								
541	STRUC-1		25483-000-V00-MEAA-XXXXX		SUPPORT STRUCTURE SIDE VIEW PART 2			Mechanical	Q3, 2011								
542	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER SUPPORT STRUCTURE			Mechanical	Q3, 2011								
543	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER DETAILS & ROOF STRUCTURE			Mechanical	Q3, 2011								
544	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER MOTOR SUPPORT STRUCTURE			Mechanical	Q3, 2011								
545	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER DETAILS OF PLATFORM & FANDECK & SUPPORT STEEL			Mechanical	Q3, 2011								
546	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER STAIRCASE			Mechanical	Q3, 2011								
547	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER LADDER			Mechanical	Q3, 2011								
548	STRUC-1		25483-000-VXX-XXX		230KV SWITCHYARD FOUNDATIONS (MULTIPLE DWGS)			Civil	Q2, 2011								
549	STRUC-1		25483-000-VXX-XXX		230KV SWITCHYARD FOUNDATION PLAN			Civil	Q2, 2011								
550	STRUC-1		25483-000-VXX-XXX		230KV SWITCHYARD STRUCTURE CALCS (MULTIPLE)			Structural	Q2, 2011								
551	STRUC-1		25483-001-CP-1400-00001		COMBUSTION TURBINE #1 PILE LOCATION			Civil	Q2, 2011								
552	STRUC-1		25483-001-CP-1400-00001		COMBUSTION TURBINE #1 PILE LOCATION			Civil	Q1, 2011								
553	STRUC-1		25483-001-DB-1110-00001		HRSG/STACK #1 FOUNDATION CONCRETE LINE			Civil	Q1, 2011								

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Bechtel Job 25483

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554	STRUC-1		25483-001-DB-1110-00002		HRSG #1 STAIR TOWER FOUNDATION PLAN AND SECTION			Civil	Q1, 2011								
555	STRUC-1		25483-001-DB-1111-00001		HRSG #1 AREA SLAB NEAT LINE & ANCHOR BOLT LOCATION PLAN			Civil	Q1, 2011								
556	STRUC-1		25483-001-DB-1210-00001		BOILER FEEDPUMP BUILDING #1 FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
557	STRUC-1		25483-001-DB-1210-00002		BOILER FEEDWATER PUMP 1A & 1B FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
558	STRUC-1		25483-001-DB-1210-00003		UNIT 1 BOILER FEED PUMP CHEMICAL SUN SHADE FDN			Civil	Q2, 2011								
559	STRUC-1		25483-001-DB-1400-00001		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS			Civil	Q2, 2011								
560	STRUC-1		25483-001-DB-1410-00001		COMBUSTION TURBINE NO. 1 NEAT LINE & EMBEDMENT PLAN			Civil	Q2, 2011								
561	STRUC-1		25483-001-DB-1411-00001		COMBUSTION TURBINE #1 AREA SLAB NEAT LINE PLAN			Civil	Q2, 2011								
562	STRUC-1		25483-001-DB-1490-00001		COMBUSTION TURBINE NO. 1 SECTIONS & DETAILS			Civil	Q2, 2011								
563	STRUC-1		25483-001-DB-1491-00001		CT #1 AREA SLAB SECTION AND DETAILS			Civil	Q2, 2011								
564	STRUC-1		25483-001-DB-1491-00004		COMBUSTION TURBINE #1 ELECTRICAL VAULT SECTIONS & DETAILS			Civil	Q2, 2011								
565	STRUC-1		25483-001-DB-3310-00001		COMBUSTION TURBINE #1 MAIN AND UNIT AUX TRANSFORMER FOUNDATION PLAN & SECTIONS			Civil	Q2, 2011								
566	STRUC-1		25483-001-DB-3390-00001		COMBUSTION TURBINE #1 MAIN AND UNIT AUX TRANSFORMER FOUNDATION SECTIONS & DETAILS			Civil	Q2, 2011								
567	STRUC-1		25483-001-DB-4110-00001		AIR INLET FILTER/SILENCER #1 FOUNDATION PLAN SECTIONS & DETAILS			Civil	Q2, 2011								
568	STRUC-1		25483-001-DB-4410-00001		UNIT 1 CEMS FOUNDATION CONCRETE NEAT LINE & REINFORCING			Civil	Q2, 2011								
569	STRUC-1		25483-001-DD-1410-00001		CT #1 ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
570	STRUC-1		25483-001-DD-1410-00002		CT #1 MAXIBOLT LOCATION PLAN			Civil	Q2, 2011								
571	STRUC-1		25483-001-DD-1411-00001		COMBUSTION TURBINE #1 AREA SLAB ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
572	STRUC-1		25483-001-DG-1110-00001		HRSG/STACK #1 FOUNDATION BOTTOM REINFORCING PLAN			Civil	Q1, 2011								
573	STRUC-1		25483-001-DG-1110-00002		HRSG/STACK #1 FOUNDATION TOP REINFORCING PLAN			Civil	Q1, 2011								
574	STRUC-1		25483-001-DG-1190-00001		HRSG/STACK #1 FOUNDATION REINFORCING SECTIONS			Civil	Q1, 2011								
575	STRUC-1		25483-001-DG-1410-00001		CT #1 REINFORCING PLAN			Civil	Q2, 2011								
576	STRUC-1		25483-001-DG-1490-00001		CT #1 SECTIONS AND DETAILS			Civil	Q2, 2011								
577	STRUC-1		25483-001-SS-1110-00001		PLATFORM AT UNIT 1 BOILER BLOWDOWN TANK			Structural	Q2, 2011								
578	STRUC-1		25483-001-SS-1210-00002		UNIT 1 BOILER FEED PUMP AREA CHEMICAL SUN SHADE & PLATFORM STEEL			Structural	Q2, 2011								
579	STRUC-1		25483-002-DB-1110-00001		HRSG/STACK #2 FOUNDATION CONCRETE NEAT LINE			Civil	Q1, 2011								
580	STRUC-1		25483-002-DB-1110-00002		HRSG #2 STAIR TOWER FOUNDATION PLAN AND SECTION			Civil	Q1, 2011								
581	STRUC-1		25483-002-DB-1111-00001		HRSG #2 AREA SLAB NEAT LINE & ANCHOR BOLT LOCATION PLAN			Civil	Q1, 2011								
582	STRUC-1		25483-002-DB-1210-00001		BOILER FEEDPUMP BUILDING #2 FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
583	STRUC-1		25483-002-DB-1210-00002		BOILER FEEDWATER PUMP 2A & 2B FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
584	STRUC-1		25483-002-DB-1210-00003		UNIT 2 BOILER FEED PUMP CHEMICAL SUN SHADE FDN			Civil	Q2, 2011								
585	STRUC-1		25483-002-DB-1400-00001		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS			Civil	Q1, 2011								
586	STRUC-1		25483-002-DB-1410-00001		CT #2 NEAT LINE & EMBEDMENT PLAN			Civil	Q2, 2011								
587	STRUC-1		25483-002-DB-1411-00001		COMBUSTION TURBINE #2 AREA SLAB NEAT LINE PLAN			Civil	Q2, 2011								

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588	STRUC-1		25483-002-DB-1490-00001		CT #2 SECTIONS AND DETAILS			Civil	Q2, 2011								
589	STRUC-1		25483-002-DB-1491-00001		CT #2 AREA FOUNDATION SECTION AND DETAILS			Civil	Q2, 2011								
590	STRUC-1		25483-002-DB-1491-00003		COMBUSTION TURBINE #2 ELECTRICAL VAULT CONCRETE NEAT LINE & REINFORCING			Civil	Q2, 2011								
591	STRUC-1		25483-002-DB-1491-00004		COMBUSTION TURBINE #2 ELECTRICAL VAULT SECTIONS & DETAILS			Civil	Q2, 2011								
592	STRUC-1		25483-002-DB-3310-00001		COMBUSTION TURBINE #2 MAIN AND UNIT AUX TRANSFORMER FOUNDATION PLAN & SECTIONS			Civil	Q2, 2011								
593	STRUC-1		25483-002-DB-3390-00001		COMBUSTION TURBINE #2 MAIN AND UNIT AUX TRANSFORMER FOUNDATION SECTIONS & DETAILS			Civil	Q2, 2011								
594	STRUC-1		25483-002-DB-4110-00001		AIR INLET FILTER/SILENCER #2 FOUNDATION PLAN SECTIONS & DETAILS			Civil	Q2, 2011								
595	STRUC-1		25483-002-DD-1410-00001		CT #2 ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
596	STRUC-1		25483-002-DD-1410-00002		CT #2 MAXIBOLT LOCATION PLAN			Civil	Q2, 2011								
597	STRUC-1		25483-002-DD-1411-00001		COMBUSTION TURBINE #2 AREA SLAB ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
598	STRUC-1		25483-002-DG-1110-00001		HRSG/STACK #2 AREA SLAB ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
599	STRUC-1		25483-002-DG-1110-00002		HRSG/STACK #2 FOUNDATION TOP REINFORCING PLAN			Civil	Q1, 2011								
600	STRUC-1		25483-002-DG-1190-00001		HRSG/STACK #2 FOUNDATION REINFORCING SECTIONS			Civil	Q1, 2011								
601	STRUC-1		25483-002-DG-1410-00001		CT #2 REINFORCING PLAN			Civil	Q2, 2011								
602	STRUC-1		25483-002-DG-1490-00001		CT #2 SECTIONS AND DETAILS			Civil	Q2, 2011								
603	STRUC-1		25483-002-SS-1110-00001		PLATFORM AT UNIT 2 BOILER BLOWDOWN TANK			Structural	Q2, 2011								
604	STRUC-1		25483-002-SS-1210-00002		UNIT 2 BOILER FEED PUMP AREA CHEMICAL SUN SHADE & PLATFORM STEEL			Structural	Q2, 2011								
605	STRUC-1		25483-003-3DR-C11-00001		CIVIL/STRUCTURAL DESIGN CRITERIA			Civil	Q3, 2010								
606	STRUC-1		25483-003-CP-2400-00001		STEAM TURBINE PILE LOCATION PLAN			Civil	Q2, 2011								
607	STRUC-1		25483-003-DB-2110-00001		STEAM TURBINE AREA FOUNDATION PLAN			Civil	Q2, 2011								
608	STRUC-1		25483-003-DB-2111-00003		GLAND STEAM SKID PLATFORM FOUNDATION			Civil	Q2, 2011								
609	STRUC-1		25483-003-DB-2112-00001		STEAM JET AIR EJECTOR FOUNDATIONS			Civil	Q2, 2011								
610	STRUC-1		25483-003-DB-2190-00001		STEAM TURBINE AREA FOUNDATION SECTIONS AND DETAILS			Civil	Q2, 2011								
611	STRUC-1		25483-003-DB-2410-00001		STEAM TURBINE PEDESTAL NEAT LINE PLAN			Civil	Q2, 2011								
612	STRUC-1		25483-003-DB-2490-00001		STEAM TURBINE PEDESTAL FOUNDATION SECTIONS			Civil	Q2, 2011								
613	STRUC-1		25483-003-DB-3410-00001		STEAM TURBINE FOUNDATION NEAT LINE PLAN AND SECTIONS			Civil	Q2, 2011								
614	STRUC-1		25483-003-DB-3490-00001		STEAM TURBINE FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
615	STRUC-1		25483-003-DB-3490-00002		STEAM TURBINE FOUNDATION SECTIONS AND DETAIL			Civil	Q2, 2011								
616	STRUC-1		25483-003-DBC-2110-00001		DESIGN OF STEAM TURBINE AREA SLAB FOUNDATION			Civil	Q2, 2011								
617	STRUC-1		25483-003-DBC-2110-00002		DESIGN OF STEAM TURBINE GENERATOR AIR INLET FILTER FOUNDATION			Civil	Q2, 2011								
618	STRUC-1		25483-003-DBC-2110-00003		GLAND STEAM SKID FOUNDATION			Civil	Q2, 2011								
619	STRUC-1		25483-003-DBC-2110-00006		STEAM JET AIR EJECTOR PLATFORM FOUNDATIONS			Civil	Q2, 2011								
620	STRUC-1		25483-003-DBC-2410-00001		STEAM TURBINE FOUNDATION DESIGN			Civil	Q2, 2011								

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621	STRUC-1		25483-003-DBC-3310-00003		DESIGN OF FOUNDATION AND PIT FOR STG TRANSFORMER			Civil	Q2, 2011								
622	STRUC-1		25483-003-DD-2410-00001		STEAM TURBINE PEDESTAL ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
623	STRUC-1		25483-003-DD-2410-00002		STEAM TURBINE PEDESTAL EMBEDMENT PLAN			Civil	Q2, 2011								
624	STRUC-1		25483-003-DD-2490-00001		STEAM TURBINE PEDESTAL EMBEDMENT SECTIONS & DETAILS, SHT 1			Civil	Q2, 2011								
625	STRUC-1		25483-003-DD-2490-00002		STEAM TURBINE PEDESTAL EMBEDMENT SECTIONS & DETAILS, SHT 2			Civil	Q2, 2011								
626	STRUC-1		25483-003-DDC-2410-00001		DESIGN OF ANCHOR BOLTS FOR STEAM TURBINE			Civil	Q2, 2011								
627	STRUC-1		25483-003-DDC-2410-00002		DESIGN OF TRANSVERSE & ANCHOR PLATES FOR STEAM TURBINE			Civil	Q2, 2011								
628	STRUC-1		25483-003-DG-2410-00001		STEAM TURBINE PEDESTAL REINFORCEMENT PLAN			Civil	Q2, 2011								
629	STRUC-1		25483-003-DG-2490-00001		STEAM TURBINE PEDESTAL REINFORCING SECTIONS & DETAILS, SHT 1			Civil	Q2, 2011								
630	STRUC-1		25483-003-DG-2490-00002		STEAM TURBINE PEDESTAL REINFORCING SECTIONS & DETAILS, SHT 2			Civil	Q2, 2011								
631	STRUC-1		25483-003-DGC-2410-00001		STEAM TURBINE FOUNDATION DESIGN			Civil	Q2, 2011								
632	STRUC-1		25483-003-SS-2110-00001		GLAND STEAM STEEL SUPPORT PLATFORM			Structural	Q2, 2011								
633	STRUC-1		25483-003-SS-2120-00001		STEAM JET AIR EJECTOR PLATFORM SHEET 1			Structural	Q2, 2011								
634	STRUC-1		25483-003-SS-2120-00002		STEAM JET AIR EJECTOR PLATFORM SHEET 2			Structural	Q2, 2011								
635	STRUC-1		25483-003-SS-2190-00001		STEAM JET AIR EJECTOR PLATFORM ELEVATIONS AND DETAILS			Structural	Q2, 2011								
636	STRUC-1		25483-003-SS-2410-00001		STEAM TURBINE PEDESTAL PLATFORMS			Structural	Q2, 2011								
637	STRUC-1		25483-003-SS-2410-00002		STEAM TURBINE PEDESTAL PLATFORMS			Structural	Q2, 2011								
638	STRUC-1		25483-003-SS-2490-00001		STEAM TURBINE PEDESTAL PLATFORMS SECTIONS & DETAILS, SHEET 1			Structural	Q2, 2011								
639	STRUC-1		25483-003-SS-2490-00002		STEAM TURBINE PEDESTAL PLATFORMS SECTIONS & DETAILS, SHEET 2			Structural	Q2, 2011								
640	STRUC-1		25483-003-SSC-2110-00001		GLAND STEAM SKID STEEL PLATFORM CALCULATION			Structural	Q2, 2011								
641	STRUC-1		25483-003-SSC-2110-00002		STEAM JET AIR EJECTOR PLATFORMS CALCULATION			Structural	Q2, 2011								
642	STRUC-1		25483-003-SSC-2410-00001		STEAM TURBINE PEDESTAL PLATFORMS			Structural	Q2, 2011								
643	STRUC-1	STRUC-1 CP2401 (REV0) (110121)	25483-000-CPC-2410-00001	0	Steam Turbine Generator Pile Arrangement & Adequacy Check			Structural		1/21/2011							
644	STRUC-1	STRUC-1 CP2401 (REV0) (110121)	25483-3-CP-2400-00001	0	Steam Turbine Pedestal, Foundation Mat, Pile location plan			Structural									
645	TSE-2	TSE-2-001 (REV0) (100702)	25483-000-GPE-GXA-00002		RESUME OF RESPONSIBLE ENGINEER - <b>C. LOY</b> (MECHANICAL ENGINEER)	Resume		Mechanical		7/15/10			7/16/10	7/16/10		7/15/10	Approved
646	TSE-2	TSE-2-001 (REV0) (100702)	25483-000-GPE-GXA-00003	0	RESUME OF RESPONSIBLE ENGINEER - <b>D GERKEN</b> (GEOTECHNICAL ENGINEER)	Resume		Geotech		7/15/10			7/16/10	7/16/10		7/15/10	Approved
647	TSE-2	TSE-2-001 (REV0) (100702)	25483-000-GPE-GXA-00004	0	RESUME OF RESPONSIBLE ENGINEER - <b>R KRUMPEN</b> (CIVIL AND DESIGN ENGINEER)	Resume		Civil		7/15/10			7/16/10	7/16/10		7/15/10	Approved
648	TITLE 24		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING ENERGY COMPLIANCE REPORT			Architectural	Q2, 2011								
649	TITLE 24		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING REFLECTED CEILING PLAN			Architectural	Q2, 2011								
650	TITLE 24		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING LIGHTING PLAN AND ELECTRICAL DRAWINGS			Architectural	Q2, 2011								
651	VIS-4		25483-000-ELJ-GCX-00001		PLANT LIGHTING AND PLAN (MULTIPLE SHEET DOCUMENT DESCRIBING ILLUMINATION LEVEL FOR EACH AREA)			Electrical	Q3, 2011								

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652	VIS-5		25483-000-C2-0100-00004		PERMANENT FENCING LAYOUT PLAN			Civil	4/30/11								
653	VIS-5		25483-000-C0-0000-00001		CIVIL/STRUCTURAL STANDARDS FENCE DETAILS, SHEET 1			Structural	11/15/10								
654	VIS-5		25483-000-C0-0000-00002		CIVIL/STRUCTURAL STANDARDS FENCE DETAILS, SHEET 2			Structural	11/15/10								

**CONDITION OF CERTIFICATION  
GEN-3**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

**From:** [Todd R. Bailey](mailto:tbailey@trbplus.com)  
**To:** [Allison Bryan](mailto:allison.bryan@calpine.com)  
**Subject:** RE: Russell City Energy Center  
**Date:** Tuesday, February 15, 2011 11:27:47 AM

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Payment on the 12/1/10 invoice (#352) was received on 1/27/11 (\$22,567.60)

Todd Bailey, P.E., LEED AP  
TRB + Associates, Inc.  
3180 Crow Canyon Place, Suite 216  
San Ramon, CA 94583  
ph: (925) 866-2633  
fx: (925) 790-0011  
[tbailey@trbplus.com](mailto:tbailey@trbplus.com)

-Todd

---

**From:** Allison Bryan [<mailto:allison.bryan@calpine.com>]  
**Sent:** Tuesday, February 15, 2011 11:17 AM  
**To:** [tbailey@trbplus.com](mailto:tbailey@trbplus.com)  
**Cc:** Lowell Brown  
**Subject:** RE: Russell City Energy Center

Todd,

Thank you. Can you also tell me if the December payment was made in January? I appreciate your assistance with this.

Allison Bryan  
Project Compliance Manager  
Russell City Energy Center  
O: (925) 557-2250  
C: (925) 890-1051

---

**From:** Todd R. Bailey [<mailto:tbailey@trbplus.com>]  
**Sent:** Tuesday, February 15, 2011 11:15 AM  
**To:** Allison Bryan  
**Cc:** 'Lowell Brown'  
**Subject:** RE: Russell City Energy Center

Hi Allison-

We received payment on our 1/1/11 invoice (#363) on 2/7/11 (amount = \$39,532.15)

Best,

Todd Bailey, P.E., LEED AP  
TRB + Associates, Inc.  
3180 Crow Canyon Place, Suite 216  
San Ramon, CA 94583  
ph: (925) 866-2633  
fx: (925) 790-0011  
[tbailey@trbplus.com](mailto:tbailey@trbplus.com)

---

**From:** Allison Bryan [mailto:[allison.bryan@calpine.com](mailto:allison.bryan@calpine.com)]  
**Sent:** Tuesday, February 15, 2011 10:58 AM  
**To:** Todd Bailey  
**Cc:** Lowell Brown  
**Subject:** Russell City Energy Center

Todd,

As we are currently without a RCEC Business Manager, I was hoping you would assist me with the GEN-3 requirements. Can you please tell me if payment was made to TRB in the month of January?

Allison Bryan  
Project Compliance Manager  
Russell City Energy Center  
O: (925) 557-2250  
C: (925) 890-1051

**CONDITION OF CERTIFICATION  
GEN-6**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

**From:** [Abigail Obligacion](#)  
**To:** [Allison Bryan](#);  
**Subject:** [TRB + Associates] A new file has been uploaded  
**Date:** Friday, January 28, 2011 2:49:09 PM

---

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

---

Abigail Obligacion uploaded a new file:



**GEN-6 SY09 (REVO) (110128).zip**

APPROVED: Special Inspectors - Resumes

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**CONDITION OF CERTIFICATION  
AQ-SC3 and AQ-SC4**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

Attachment A Fugitive Dust Log

DSG

Month:	Date	Time	Daily Low Ambient Temp. °F	Year:	2011	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Material Stock Pile Treatments		Roadways - Water Wagon Street Sweeper in use		Comments, Equipment OCS, Problems & Work Orders
								Water Treatments Active Storage (Y/N)	Water Treatments Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	
Jan	1	7AM	47		2011	0.04	10			-	-	
	2		46		2011	0.20	5			-	-	
	3		43		2011	0	5			-	-	
	4		38		2011	0	5			WW	WW	None H2O Truck
	5		37		2011	0	5			WW	WW	None H2O Truck
	6		35		2011	0	5			WW	WW	None H2O Truck
	7		37		2011	0	5			WW	WW	None H2O Truck
	8		41		2011	0	9			-	-	
	9		37		2011	0	9			-	-	
	10		30		2011	0	15			WW	WW	None H2O Truck
	11		43		2011	0.05	15			WW	WW	None H2O Truck
	12		46		2011	0	20			WW	WW	None H2O Truck
	13		44		2011	0.11	20			WW	WW	None H2O Truck
	14		57		2011	0	20			WW	WW	None H2O Truck
	15		44		2011	0	20			WW	WW	None H2O Truck
	16		45		2011	0	20			-	-	
	17		44		2011	0	1			-	-	

Attachment A Fugitive Dust Log

Month:	Date	Time	Daily Low Ambient Temp. °F	Year:	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Material Stock Pile Treatments		Roadways - Water Wagon/ Street Sweeper in use		Comments, Equipment OOS, Problems & Work Orders
							Water Treatments Active Storage (Y/N)	Water Treatments Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	
	18	7AM	44°		0	2				WW	APAC HO TRUCK
	19		41°		0	5				WW	APAC HO TRUCK
	20		43°		0	5				WW	APAC HO TRUCK
	21		45°		0	3				WW	APAC HO TRUCK
	22		41°		0	4					
	23		44°		0	4					
	24		43°		0	3					
	25		43°		0	3					
	26		43°		0	5					
	27		44°		0	3				WW	APAC HO TRUCK
	28		42°		0	3				WW	APAC HO TRUCK
	29		49°		0.04	6					
	30		45°		0.24	6					
	31		41°		0	4				WW	APAC HO TRUCK

1 WW = water wagon, SS = street sweeper

Attachment A Fugitive Dust Log

SOURCE OF WEATHER DATA: RAIN 0.68" WIND Aug 4 upH TEMPERATURE 51° Any MEAN SUPERVISOR REVIEW

Return Completed Sheet to OEL

**CONDITION OF CERTIFICATION  
AQ-SC5**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

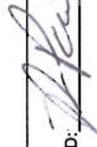


**RCEC PROJECT  
DIESEL ENGINE INVENTORY**

Condition of Certification AQ-SC5

Equipment Identification Numbers (EINs)	Vehicle Type	Vehicle Manufacturer	Vehicle Model	Vehicle Model Year/Engine Model Year	Engine HP	> 100 HP COMPLIANCE WITH ARB TIER 2 ENGINE	> 100 HP COMPLIANCE WITH ARB TIER 1 ENGINE	> 100 HP COMPLIANCE WITH ARB TIER 0 ENGINE W CARB (verified diesel particulate filters)	DATE ARRIVED ON SITE	DATE REMOVED FROM SITE
FS5F45	Excavators	CATERPILLAR	330C	2005 - 2006	247	X			12/1/2010	1/30/2011
DU4V94	Scrapers	CATERPILLAR	633D	1980 - 2007	475	X			12/1/2010	
KT8M55	Off-Highway Tractors	CATERPILLAR	825G	2004	338	X			12/1/2010	1/30/2011
MA6P83	Scrapers	CATERPILLAR	615C	2004	265	X			12/1/2010	
YM6B75	Graders	CATERPILLAR	16H	2006	290	X			12/1/2010	
LD8C86	Excavators	KOBELCO	200	2005	141	X			12/1/2010	
WG8S37	Scrapers	CATERPILLAR	633D	1978 - 2006	490	X			12/1/2010	
PC5R65	Tractors/Loaders/Back hoes	CATERPILLAR	414E	2007	89	NA < 100 Hp	NA	NA	12/1/2010	1/15/2011
DN3V49	Rollers	CATERPILLAR	CB-334E	2006/2006	46	NA < 100 Hp	NA	NA	12/16/2010	1/15/2011
PP4H58	Rollers	CATERPILLAR	CS-563E	2004/2003	150	X			12/16/2010	
FV8W48	Crawler Tractors	CATERPILLAR	D6R IIIXL	2006/2006	200	X			12/28/2011	
PD7J95	Scrapers	CATERPILLAR	623G	2004/2004	363	X			1/10/2011	
PK9T39	Excavators	CATERPILLAR	330CL	2005/2005	247	X			1/3/2011	1/10/2011
BB4W83	Loaders/Backhoes	DEERE	410G	2003/2003	98	NA < 100 Hp	NA	NA	1/10/2011	

CERTIFICATION: All engines listed above have been maintained property, on a schedule consistent with and turned to the engine manufactures specification.

SIGNED:  Print Names: Robert Parker

COMPANY: DeSilva Gates Construction MONTH: January 2011



RCEC PROJECT  
DIESEL ENGINE INVENTORY

Condition of Certification AQ-SC5

Equipment Identification Numbers (EINs)	Vehicle Type	Vehicle Manufacturer	Vehicle Model	Vehicle Model Year/Engine Model Year	ENGINE HP	> 100 HP COMPLIANCE WITH ARB TIER 2 ENGINE	> 100 HP COMPLIANCE WITH ARB TIER 1 ENGINE	> 100 HP COMPLIANCE WITH ARB TIER 0 (verified diesel particulate filters)	> 100 HP COMPLIANCE WITH ARB TIER 0 ENGINE (without diesel particulate filter)	DATE ARRIVED ON SITE	DATE REMOVED FROM SITE
RY3C86	FORK LIFT	Rough Terrain Forklifts	475	1969 - ENGINE MODEL YR 1978	625				X	12/1/2010	
VB3C35	CRANE	MANITOWOC	3900 W/VICON	1969 - ENGINE MODEL YR 1978	350				X	12/1/2010	
RX5N37	FORK LIFT	PETTIBONE	204D	1969 - ENGINE MODEL YR 1982	180				X	12/1/2010	
JDA195	CRANE	LINK-BELT	HC-218B	1969 - ENGINE MODEL YR 1969	220				X	12/1/2010	
AE3N63	CRANE	LINK-BELT	HC-218B	1969 - ENGINE MODEL YR 1969	300				X	12/1/2010	
AR6968	Tractors/Loaders/Backhoes	CASE	580 K	1969 - ENGINE MODEL YR 1990	63	NA	NA	NA	N/A	12/1/2010	

\*\*\*Please note that all FCI equipment currently on-site has a Tier 0 Engine Model and is not outfitted with particulate filter ("VDEC") as the particulate filter in question does not exist for our particular engine model, make, and year.

CERTIFICATION: All engines listed above have been maintained properly, on a schedule consistent with and turned to the engine manufactures specification.

SIGNED:  Print Names: BRADON WATSOY

COMPANY: Foundation Construction DOOR # 939 MONTH: January, 2011





**PETROLEUM**  
 TO PLACE AN ORDER CALL: FUEL (800) 244-4516 • LUBE (800) 640-4311 •  
 E-mail: info@gppetroleum.com WEBSITE: www.gppetroleum.com  
 ACCOUNT NUMBER:

**INVOICE** NUMBER 950977  
 DATE 01-26-11

SOLD TO:  
 15030  
 DE SILVA/GATES CONST. L.P.  
 ATTN: ACCOUNTS PAYABLE  
 P.O. BOX 2909  
 DUBLIN, CA 94568

SHIP TO:  
 41148  
 DE SILVA/GATES CONST. L.P.  
 CURTNER PITS  
 FREMONT, CA

PURCHASE ORDER NUMBER SALESMAN TERMS DUE DATE  
 CT012511 DAN EMANI 15 DAYS 99 02-10-11

DELIVERY DATE DRIVER TRUCK NUMBER TERMINAL B/L NUMBER  
 01-26-11 13 THIRD PARTY 141 16 497576

NO. OF PKG. S	BULK OR PKG. SIZE	PRODUCT DELIVERED	ORDERED	DELIVERED	TAXES		PRICE	AMOUNT
					FED	STATE/SALES		
BULK		DIESEL FUEL - 3, NA1993, P.G. III RED CARB ULS DIESEL DYED DIESEL FUEL NON-TAXABLE USE ONLY. PENALTY FOR TAKABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFER, CERTANE INDEX, AROMATIC CONTENT OIL SPILL RECOVERY FEDERAL LUST TAX FEDERAL OIL SPILL LIAB. TAX	7606.0	7606.0	T		2.67250	20,327.03
***	EACH	FREIGHT	7606.0	7606.0			.0200	152.12
		*** DELIVERY MESSAGE *** GOLDEN GATE PETROLEUM NOW OFFERS DIESEL EXHAUST FLUID(DEF). PLEASE CALL FOR MORE INFORMATION.						

TANK	UNLEADED	MID-GRADE	PREMIUM	DIESEL	REMIT TO: P.O. Box 44550 San Francisco, CA 94144-5749	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES. SUPER FOUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM	SALES TAX	SUB TOTAL
BEFORE							1,984.93	
AFTER					For Product Emergency (Spill, Leak, Fire, Exposure or Accident) CALL 1-800-424-9300			22,495.27
WATER								

PAST DUE AFTER  
 If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned that he is authorized to

Number of Drums Returned X\$ < >

**CONDITION OF CERTIFICATION  
WORKER SAFETY-3**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

## Russell City Energy Center Monthly Compliance Reports (MCRs)

### Worker Safety – 3

January 1 – January 31, 2011

The project remains at ZERO Incidents of any classification and no issues remained unresolved.

The project provided *New Hire Orientation* training to 15 new employees.

Following are the activities for ESH during the month:

- Conducted special emphasis training on Cranes for the FCI crew and operators; including the FCI Corporate Safety Director. Coordinated the activities and investigations efforts with Hatfield and Dawson, RF Consultants.
- Continued to provide coordination and supervision of Security contract including training for permanent security officers.
- Coordinated with CBO Safety Monitor for site visits.
- Continued monitoring all subcontractor site work for ESH compliance.
- On-going review of documents and submittals from subcontractors and proposed bidders.
- Daily site monitoring for effects of continuous rain on safe access/egress; and environmental concerns.

No complaints, notices of violation, official warnings, and citations were received during the month. If any are received, a description of the resolution of the resolved actions and the status of any unresolved actions will be included in this report.

Additions to the on-site compliance file:

- New Hire Orientation/WEAP training records
- Fugitive Dust Monitoring Log
- Diesel Engine Inventory Log
- Receipt ULSD











**CONDITION OF CERTIFICATION  
BIO-2**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

**Russell City Energy Center**

**MONTHLY BIOLOGICAL COMPLIANCE REPORT**

**January, 2011**

**BIO-2:** The Designated Biologist shall perform the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities:

1. Advise the project owner's Construction/Operation Manager, supervising construction and operations engineer on the implementation of the biological resources conditions of certification;
2. Be available to supervise or conduct mitigation, monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources, such as wetlands and special status species or their habitat;
3. Clearly mark sensitive biological resource areas and inspect these areas at appropriate intervals for compliance with regulatory terms and conditions;
4. Inspect active construction areas where animals may have become trapped prior to construction commencing each day. Inspect for the installation of structures that prevent entrapment or allow escape during periods of construction inactivity at the end of the construction day. Periodically inspect areas with high vehicle activity (parking lots) for animals in harms way. This inspection may be carried out by a person with qualifications in biological resources who is identified and selected by the Designated Biologist;
5. Notify the project owner and the CPM of any non-compliance with any biological resources condition of certification; and
6. Respond directly to inquiries of the CPM regarding biological resource issues.

**Verification:** The Designated Biologist shall maintain written records of the tasks described above, and summaries of these records shall be submitted in the Monthly Compliance Reports.

During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report.

**Biological Resource Monitoring.** Construction activities during the month of January included site grading and earthwork, foundation preparation including pile driving, installation of a stormwater culvert and set up of construction trailers in Laydown Area #1. Monitoring by the designated biologist, Russell Huddleston, during the month of January was limited to a single site visit on January 17, 2011. No biological activity was evident on the site other than occasional birds including gulls, American crows and sparrows flying overhead, perched on the perimeter fence and occasional on site. A variety of shorebirds and waterfowl were noted in the drainage canal outside of the southwest corner of the site. Raccoon tracks were observed along the eastern fence line. No dead or injured wildlife were observed or reported during the month of January.

During the January Site visit Mr. Huddleston spoke with Dana Smith from Bechtel who is conducting the noise monitoring during the pile driving activities. Mr. Smith indicated that at the monitoring locations the pile driving is not exceeding 55 decibels. Generally noise levels above 60 decibels are considered to be adverse to wildlife. Mr. Smith noted that

overhead jet airplanes, especially cargo jets result in noise levels over 90 decibels. It was also noted that the noise monitoring locations had been moved based on conversations with Mark Taylor from the East Bay Regional Parks District as the sensitive receptor locations provided in the California Natural Diversity Database were out of date.

In general little biological activity was noted on the site during the month of January and construction noise appears to be within acceptable limits at sensitive receptor monitoring locations. A cumulative list of wildlife species observed on and around the project site through the Month of January is provided in Table A.

**Table A**

**Cumulative Wildlife Species Observed in or Near the Russell City Energy Center**

Common Name	Scientific Name	Comments
<b>• BIRDS</b>		
American Coot	<i>Fulica americana</i>	Common around project site – two dead individuals observed on site
American Crow	<i>Corvus brachyrhynchos</i>	Common in and around project areas
Barn Swallow	<i>Hirundo rustica</i>	One individual observed at project site
Black Phoebe	<i>Sayornis nigricans</i>	Observed perched on fence at Laydown Area 2 and around project site
Black-neck Stilt	<i>Himantopus mexicanus</i>	Observed in open stormwater channel west of RCEC site
Bushtit	<i>Psaltriparus minimus</i>	Observed in fennel at Laydown Area 3
California Gull	<i>Larus californicus</i>	Common in and around project areas
Canada Goose	<i>Branta canadensis</i>	Observed in open stormwater channel west of RCEC site
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	Laydown area 1 and around project site
Cormorant	<i>Phalacrocorax</i> sp.	Few individuals observed in flight west of project site
European Starling	<i>Sturnus vulgaris</i>	Observed on transmission tower at Laydown Area 3
Great Egret	<i>Casmerodius albus</i>	Flying near sediment ponds west of Depot Road
Gulls	<i>Larus</i> spp.	Common on and around the project site.
House Finch	<i>Carpodacus mexicanus</i>	Common in ruderal vegetation in and around project area
Killdeer	<i>Charadrius vociferus</i>	Observed in project area
Mallard	<i>Anas platyrhynchos</i>	Observed in open stormwater channel west of RCEC site

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**Table A****Cumulative Wildlife Species Observed in or Near the Russell City Energy Center**

---

<b>Common Name</b>	<b>Scientific Name</b>	<b>Comments</b>
Mourning Dove	<i>Zenaida macroura</i>	Common on and around project site
Northern Mockingbird	<i>Mimus polyglottos</i>	Observed on fence at Laydown Area 3
Raven	<i>Corvus corax</i>	Observed on project site
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	Few individuals observed west of project site
Ring-billed Gull	<i>Larus delawarensis</i>	Common in and around project areas
Rock Dove	<i>Columba livia</i>	Common in and around project areas
Snowy Egret	<i>Egretta thula</i>	One individual observed west of project site
Song Sparrow	<i>Melospiza melodia</i>	Common in ruderal vegetation in and around project area
Turkey Vulture	<i>Cathartes aura</i>	One observed overhead south of Runnels parcel
Western Tanager	<i>Piranga ludoviciana</i>	Observed on fence at Laydown Area 3
<b>MAMMALS</b>		
Black-tailed Jackrabbit	<i>Lepus californicus</i>	One individual observed on project site
California ground squirrel	<i>Otospermophilus beecheyi</i>	One individual observed adjacent to project site
Mice/Voles	<i>Microtus</i> spp.	Few individuals noted on site during clearing and grading activities
Norway Rat	<i>Rattus norvegicus</i>	One individual observed on project site
Raccoon	<i>Procyon lotor</i>	Tracks observed only along east fence line.
<b>REPTILES</b>		
Western fence lizard	<i>Sceloporus occidentalis</i>	Observed on site by Cultural Resource Monitors

**CONDITION OF CERTIFICATION  
SOIL & WATER-1**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

# Russell City Energy Center Monthly Compliance Reports (MCRs)

## Soil & Water – 1

January 1 – January 31, 2011

### Drainage, Erosion and Sediment Control Measures

The construction of sedimentation pond # 1 was concluded in the month of January. Work included seeding and stabilizing slopes with erosion control mat. The additional of a straw bale dike with anchoring gravel in basin and erosion control silt fence along south side of basin

(Construction Sediment Pond # 1 – Erosion control matting used to stabilize seeded slopes and large straw bale dike with anchoring filter stone)



(Seeding and mulch on 3:1 earthen berm along the western property boundary)



## Russell City Energy Center Monthly Compliance Reports (MCRs)

### Monitoring and Maintenance Activities

Additional construction perimeter silt fence was installed along southwest corner of the RCEC project property line along 12-foot vision fence and southern perimeter of construction sediment pond # 1.



### Site Conditions and Weather

Above normal temperatures in January and along with minor precipitation events were noted throughout, the rain had no major impact on site production.

- Monthly Weather: Rainfall/precipitation in January 2011 was below normal at 0.68 inches, which is 1.42 inches below the average month total of \*\*\*2.1 inches. ( \*\*\*\*Hayward Regional Airport)
- Temperatures for the month of January 2011 were above averaged 51 ° (+3.0°) with daytime highs averaging \*\*59.0° and overnight lows average 43.0 ° (\*\* avg. temp established at the Hayward Regional Airport)
- (Year end long-term norm rainfall since Jan 2011 = 0.68 ”)

#### Precipitation events:

- 1/1 = 0.04”
- 1/2 = 0.2”
- 1/11 = 0.05 ”
- 1/13 = 0.11
- 1/29 = 0.04”
- 1/30 = 0.24”
- January total = 0.68”

## Russell City Energy Center Monthly Compliance Reports (MCRs)

### Dewatering

Dewatering from ZLD and cooling tower areas were executed in January. Water was drawn down by two small 4.9 hp diesel engine driven centrifugal pump and discharge into one of two 10' x 10' sediment basin constructed on site for purposes of sediment control and recharge.



(Dewatering structure / sediment basin)

Ongoing fugitive dust management included coving temporary stockpiled soil/material, daily water wagon tank and a street sweeper.

**CONDITION OF CERTIFICATION  
CUL-2**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

## Russell City Energy Center Construction 4 Week Rolling Schedule

Data Date: 01/31/11

Item	Activity	Comments	Start	Finish	Gantt Chart
<b>DESILVA SCOPE</b>					
<b>Curb &amp; Gutter</b>					
10					
11					
<b>Storm water Basins</b>					
17	Remove ash material		18-Jan-11 A	28-Jan-11 A	■■■■■
18	Remove debris pile		18-Jan-11 A	28-Jan-11 A	■■■■■
<b>Excavation</b>					
<b>Switchyard</b>					
35	Grade	Pending tank removal	18-Jan-11 A	01-Feb-11	■■■■■ ■■
<b>Cooling Tower</b>					
37	Sheet pile		01-Apr-11 7	08-Apr-11	
38	Excavate Forebay and CW trench		08-Apr-11 14	22-Apr-11	
<b>Piling Scope</b>					
42e	Submit pile report (Non-ZLD areas)		19-Jan-11 A	02-Feb-11	◆◆◆◆◆ ◆◆◆
42f	Procure material & Cast HRSG area piles		31-Jan-11 A	21-Feb-11	◆◆◆◆◆ ◆◆◆◆◆ ◆◆◆◆◆ ◆◆◆◆◆
42g	Drive HRSG area piles		22-Feb-11 21	15-Mar-11	
<b>Fencing Scope</b>					
45	Install permanent 7' fence		24-Jan-11 A	28-Jan-11	◆◆◆◆◆
<b>Temporary Sewer &amp; Water</b>					
49c	Staley Deliver temp lift station		22-Jan-11 A	25-Feb-11	■■■■■ ■■■■■ ■■■■■ ■■■■■
52	Install temporary sewer system		25-Feb-11 14	11-Mar-11	



**Russell City Energy Center  
Construction 4 Week Rolling Schedule**

Data Date: 01/31/11

Item	Activity	Comments	Start	Finish	J 24	J 25	J 26	J 27	J 28	J 31	F 1	F 2	F 3	F 4	F 7	F 8	F 9	F 10	F 11	F 14	F 15	F 16	F 17	F 18
<b>Internet Connection at Site</b>																								
71b	Internet provider - Hayward rev/app permit		08-Jan-11 A	30-Jan-11	■	■	■	■	■															
71c	Internet provider - trench / pull splice cable		30-Jan-11 10	09-Feb-11						■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
71d	Internet provider - test new cable		09-Feb-11 10	19-Feb-11																■	■	■	■	■
72	Internet connection available and operating		19-Feb-11 1	20-Feb-11																				
74	Deliver computers, routers & network device	from BEO / GTAM	19-Jan-11 A	15-Feb-11	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
75a	Set up cabinet, routers, & network devices		15-Feb-11 7	20-Feb-11																				■
75b	Deliver wall mounted cabinet	from Trimble	19-Jan-11 A	15-Feb-11	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

**CONDITION OF CERTIFICATION  
CUL-4**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**











**CONDITION OF CERTIFICATION  
CUL-6**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

## **Weekly Report of Cultural Resources Monitoring Activities for the Russell City Energy Center Project; COC CUL-6**

**Prepared For:** Karen Parker, RCEC Project Manager  
**Prepared By:** Clint Helton/RCEC CRS  
**Reporting For Period:** January 3<sup>rd</sup> through January 7<sup>th</sup>, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of January 3<sup>rd</sup> through 7<sup>th</sup>, 2011, as required by Condition of Certification CUL-6.

### **Personnel Active in Cultural Monitoring This Period**

Dimitra Zalarvis-Chase participated as CRM for this week.

### **Monitoring and Associated Activities This Period**

Monitoring of ground disturbance included the excavation of the outfall from the retention pond, and the continued build-up and grading of the transmission yard, transistor pads, and the administration building area, all in the northern half of the RCEC plant site. Native sub-soils were encountered only in the area of the settling pond/administration building area at a depth of approximately 5 feet below grade. The native soil is characterized as a black silty clay and light gray brown silty clays. Much of the excavated soil from the previous weeks underwent a lime-mixing treatment in preparation for bringing the site up to grade next week.

### **Cultural Resources Discoveries This Period**

No new cultural resources discoveries were made this month.

### **Anticipated Changes in the Next Period**

Excavations will continue in the area of the settling pond and administration building areas. Potholing for utilities along Depot Road is expected to begin next week, as well as trenching for the installation of electrical lines. The CRM will remain on site to continue monitoring and to respond to discoveries if they occur.

### **Comments, Issues or Concerns**

None.

## **Weekly Report of Cultural Resources Monitoring Activities for the Russell City Energy Center Project; COC CUL-6**

**Prepared For:** Karen Parker, RCEC Project Manager  
**Prepared By:** Clint Helton/RCEC CRS  
**Reporting For Period:** January 10<sup>th</sup> through the 14<sup>th</sup> 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of January 10<sup>th</sup> through the 14<sup>th</sup> 2011, as required by Condition of Certification CUL-6.

### **Personnel Active in Cultural Monitoring This Period**

Dimitra Zalarvis-Chase & Sonia Sifuentes participated as CRM's for this week.

### **Monitoring and Associated Activities This Period**

Monitoring of ground disturbance included the redeposition of a majority of the lime treated soils in order to bring the transmission yard, transformer pads, and settling pond up to grade. Compaction of these areas was completed as well. Trenching for the installation of electrical conduit began at the north-east end of the site, as well as potholing to locate current utilities on Depot Road. Native sub-soils of black silty clay were encountered in the settling pond at a depth of 6' below grade, and in the electrical trench 2' below current grade.

### **Cultural Resources Discoveries This Period**

No new cultural resources discoveries were made this month.

### **Anticipated Changes in the Next Period**

Compacting and grading is expected to continue over the eastern and northern parts of the site. Pile driving may begin in the turbine yard, and trenching for the placement of electrical conduit will continue along the eastern perimeter of the site. Final contouring of the settling pond is also expected. Potholing on Depot Road will continue in an eastward direction. The CRM will remain on site to continue monitoring and to respond to discoveries if they occur.

### **Comments, Issues or Concerns**

None.

## **Weekly Report of Cultural Resources Monitoring Activities for the Russell City Energy Center Project; COC CUL-6**

**Prepared For:** Karen Parker, RCEC Project Manager  
**Prepared By:** Clint Helton/RCEC CRS  
**Reporting For Period:** January 17<sup>th</sup> through the 21<sup>st</sup> 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of January 17<sup>th</sup> through the 21<sup>st</sup> 2011, as required by Condition of Certification CUL-6.

### **Personnel Active in Cultural Monitoring This Period**

Aaron Fergusson & Sonia Sifuentes participated as CRM's for this week.

### **Monitoring and Associated Activities This Period**

Monitoring of ground disturbance included the redeposition of lime treated soils in order to bring the transmission yard, transformer pads, and settling pond up to grade. Trenching for the installation of electrical conduit began on the east side of the site, pile driving, and potholing to locate current utilities on Depot Road were also monitored. Native sub-soils of black silty clay were encountered in the settling pond at a depth of 6' below grade, and in the electrical trench 2' below current grade.

### **Cultural Resources Discoveries This Period**

No new cultural resources discoveries were made this month.

### **Anticipated Changes in the Next Period**

Pile driving may begin in the turbine yard, and trenching for the placement of electrical conduit will continue along the east perimeter of the site. Final contouring of the settling pond is also expected. Potholing on Depot Road will continue in an eastward direction. The CRM will remain on site to continue monitoring and to respond to discoveries if they occur.

### **Comments, Issues or Concerns**

None.

## **Weekly Report of Cultural Resources Monitoring Activities for the Russell City Energy Center Project; COC CUL-6**

**Prepared For:** Karen Parker, RCEC Project Manager  
**Prepared By:** Clint Helton/RCEC CRS  
**Reporting For Period:** January 24<sup>th</sup> through the 31<sup>th</sup> 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of January 24<sup>th</sup> through the 31<sup>st</sup> 2011, as required by Condition of Certification CUL-6.

### **Personnel Active in Cultural Monitoring This Period**

Phillip Reid & Sonia Sifuentes participated as CRM's for this week.

### **Monitoring and Associated Activities This Period**

Monitoring of ground disturbance included grading for the main access road, as well as potholing to locate current utilities on Depot Road. Native sub-soils of black silty clay were encountered in road cut at a depth of 6' AMSL, and in the electrical trench 2' below current grade.

### **Cultural Resources Discoveries This Period**

No new cultural resources discoveries were made this month.

### **Anticipated Changes in the Next Period**

Pile driving may begin in the turbine yard, and trenching for the placement of electrical conduit will continue along the west perimeter of the site. Final contouring of the settling pond is also expected. Potholing on Depot Road will continue in an eastward direction. The CRM will remain on site to continue monitoring and to respond to discoveries if they occur.

### **Comments, Issues or Concerns**

None.

**CONDITION OF CERTIFICATION  
PAL-3**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**











**CONDITION OF CERTIFICATION  
PAL-4**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

## Monthly Report of Paleontological Resources Monitoring Activities for the Russell City Energy Center; COC PAL-4

**Prepared For:** Karen Parker, RCEC Project Manager  
**Prepared By:** Geof Spaulding, RCEC Paleontological Resources Specialist (PRS)  
**Reporting For Period:** January 2011

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

### Personnel Active in Paleontological Monitoring This Period

Personnel active in monitoring this month were:

Phil Reid  
Sonia Sifuentes  
Dimitra Zalarvis-Chase

### Monitoring and Associated Activities This Period

Monitoring for paleontological resources occurred on the following days:

Monday, January 3 through Friday, January 7  
Monday, January 10 through Saturday, January 15  
Tuesday, January 18 through Friday, January 21  
Monday, January 24 and Friday, January 28  
Monday, January 31

While most construction activities continue to be at too shallow a depth to affect paleontologically sensitive sediment, occasional excavations to greater depth had the potential to affect more deeply buried sediments of potential paleontological sensitivity.

### Paleontological Resources Discoveries This Period

No paleontological material was identified.

### Anticipated Activities in the Next Period

Monitoring is expected to continue into February 2011.

### Comments, Issues or Concerns

Most excavations are at too shallow a depth to affect paleontologically sensitive sediment.

A monitor was inappropriately sent home by construction management on Monday, January 17<sup>th</sup>. No paleontologically sensitive sediments were disturbed during the monitor's absence. Subsequent clarification of responsibilities regarding the disposition of monitors was provided to assure that this does not occur again.

**CONDITION OF CERTIFICATION  
TRANS-9**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

**COPY**



**CITY OF HAYWARD  
PERMIT**

TAKEN BY: DATE: 1/24/2011  
ISSUED BY: kennys DATE: 1/24/2011  
PERMIT NO.: PL-2011-0016

**APPLICANT:** BECHTEL POWER GROUP  
5275 WESTVIEW DR.  
FREDERICK, MD 21703

**CONTRACTOR:**

**OWNER:** RUSSELL, CITY ENERGY CO LLC  
3878 HOPYARD RD  
PLEASANTON, CA 94588

**Project Location:**  
  
3862 DEPOT RD  
  
**Contact Name & Telephone:**  
  
Jessica Barron - 510-258-1875

**THE APPLICANT HEREBY APPLIES FOR PERMISSION TO:**

Construction of an access road, driveway, ramps, sewer lateral for natural fired combined cycle power plant (600MW).

**THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:**

**SIDEWALK AND CURB:**

1. The Permittee assumes all responsibility for damage to existing underground utilities.
2. Call USA toll free at 811 or 1-800-227-2600 at least 2 full working days prior to excavation or digging.
3. Sidewalks, curb and gutter, and driveway approach shall be installed per City of Hayward Standard Details.
- \* 4. Call (510) 583-4148 24 hours in advance to schedule an inspection for (1) form work and (2) final inspection (Saturdays, Sundays, and City Holidays excluded). It shall be the duty of the Permittee to make sure the work to be inspected is complete before scheduling an inspection. No concrete shall be placed until acceptance of form work.
5. The Permittee may contact the inspector directly, on the day of the scheduled inspection, between the hours of 7:30 and 8:00 AM for an approximate time of inspection. The City cannot guarantee an inspection time or a call back.
6. Before any work is performed on or in the vicinity of a street tree, the Permittee shall contact the City of Hayward Landscape Maintenance Division at (510) 583-8906 for a site meeting. No tree work (pruning or root cutting) shall be performed before the Permittee meets with the Landscape Maintenance Division and all tree work shall be per the Landscape Maintenance Division recommendations. Landscape Maintenance Division notes and Signature:
7. This permit is subject to cancellation if work is not completed within 90 days.
8. All existing concrete to be removed shall be saw-cut 1" deep at the nearest score mark and removed, or removed at expansion joints.
9. Any pavement damaged due to this construction shall be neatly edged, removed and replaced at the direction of the City Inspector.
10. Any sidewalk damaged due to this activity shall be restored to previous condition at the direction of the City Inspector.
11. Permittee shall provide a minimum of 4' pedestrian walkway at all times or provide adequate signs and railings to direct pedestrian traffic safely around the area of construction.
12. The Permittee shall not allow any construction debris (dirt, rock, oil, solvents, sediment-laden water, slurry, concrete, etc.) to enter any storm drain inlets or open channels.
13. This permit shall be available or posted on the project site at all times for review by City Inspector. Failure to provide this permit may be cause for a failed inspection.
14. The Permittee shall have a representative on site during the work and during inspections that is authorized to accept and act upon direction given by the City of Hayward Inspector.

**SEWER:**

1. The permittee assumes all responsibility for damage to existing underground utilities.
2. Call USA toll free 1-800-642-2444 at least 48 hours prior to any excavation.
3. All sewers shall conform to Chapter 11, article 3, Hayward Municipal Code (sewers) and current City of Hayward Standard Details.
4. Call (510) 583-4148 24 hours in advance to schedule an inspection. Inspections received by 4pm will be scheduled the next business day. When calling in your inspection you will need your permit number and the 3 digit code 200. It shall be the responsibility of the permittee to make sure the work to be inspected is complete before scheduling an inspection. No portion of the pipe shall be backfilled until acceptance of the pressure test. If you have additional questions regarding your inspection please call Jason Whipple at (510) 583-4755. for (1) pipe pressure test, (2) manhole base pre-pour inspection, (3) concrete sidewalk/curb form inspection, and (4) final inspection (Saturdays, Sundays, and City Holidays excluded). It shall be the responsibility of the permittee to make sure the work to be inspected



CITY OF HAYWARD

PERMIT

TAKEN BY:	DATE: 1/24/2011
ISSUED BY: kennys	DATE: 1/24/2011
PERMIT NO.: PL-2011-0016	

- is complete before scheduling an inspection. No portion of the pipe shall be backfilled until acceptance of the pressure test. No concrete sidewalk or curb shall be placed until the acceptance of form work. No manhole base concrete shall be placed until acceptance of pre-pour manhole base inspection.
5. The permittee may contact the inspector directly, on the day of the scheduled inspection, between the hours of 7:30 and 8:00 AM for an approximate time of inspection. The City cannot guarantee an inspection time or a call back.
  6. This permit is subject to cancellation if work is not completed within 90 days.
  7. Trench section shall conform to City Standard Detail SD-310. For AC pavement replacement (D=12", W=12"). No sand backfill material will be allowed. Native backfill in material location 6 will only be allowed only in landscape areas. Class 2 aggregate sub-base may be substituted for quarry fines in material locations 4 & 5.
  8. Pipe material shall be one of the following: PVC SDR-26, HDPE SDR-17 or lower (inner wall shall be light in color), DUCTILE IRON with polyethylene lining, seal coating, and wrapped with black 8-mil-thick polyethylene, or EXTRA STRENGTH VITRIFIED CLAY PIPE. Cast Iron Soil Pipe will not be allowed beyond the building cleanout, 2 feet from the building. ABS pipe shall not be used.
  9. All rubber couplings shall have a stainless steel shear ring.
  10. Pipe shall be laid up-grade with the bell (socket or collar) ends of the pipe up-grade.
  11. Cleanouts shall not be placed in City right-of-way, unless authorized by the City Engineer. No cleanouts on City property, unless authorized by the City Engineer.
  12. Pothole at City water main and other utilities to insure minimum required clearance; 12" at water main and 6" at other utilities. If the minimum clearances cannot be met, the permittee shall contact the Engineering and Transportation Division for direction before proceeding. The pothole shall be made prior to pipe installation and shall remain open until clearances are verified by the Inspector. For trenchless pipe installation, the pothole shall be dug to a depth to expose both the water main and the new pipe alignment. Use City standard detail SD-310 for street repair.
  13. Permittee shall backfill the trench and pave the street at the direction of the City Inspector, Compaction tests may be required.
  14. All existing concrete to be removed shall be saw-cut 1" deep at the nearest score mark and removed, or removed at expansion joints.
  15. Any pavement damaged due to this construction shall be neatly edged, removed and replaced at the direction of the City Inspector.
  16. Permittee is responsible for any trench failure for one year after completion of permit.
  17. Any pavement or concrete removed for this construction shall be restored to its original condition within ONE WEEK of completion of the sanitary sewer work.
  18. Permittee shall provide a minimum of 4' pedestrian walkway at all times or provide adequate signs and railings to direct pedestrian traffic safely around the area of construction.
  19. The permittee shall not allow any construction debris (dirt, rock, oil, solvents, sediment-laden water, slurry, concrete, etc.) to enter any storm drain inlets or open channels.
  20. Permittee shall comply with "State of California Manual of Traffic Controls for Construction Maintenance Work Zones."
  21. Permittee shall enforce all Cal-OSHA requirements on the project and in the work area.
  22. Street lane closure shall be limited to one lane at a time and between the hours of 9 AM and 4 PM Monday through Friday, with no work on weekends or holidays unless authorized by the City Engineer.
  23. This permit shall be available or posted on the project site at all times for review by City personnel. Failure to provide this permit may be cause for a failed inspection.
  24. The permittee shall have a representative on site during the work and during inspections that is authorized to accept and act upon direction given by City of Hayward personnel.

FEE: \$ 1,676.00

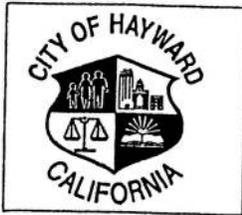
ACCOUNT: 100-2711-4815  
100-1502-4408-001

\$ 1515.00  
\$ 161.00

APPROVED BY:

*[Signature]*  
Planning Dept Date





CITY OF HAYWARD
ENCROACHMENT PERMIT APPLICATION

161 + 1515 =

Taken by: Penny Permit Number: PL-2011-0016 Permit Fee: \$1676.00
Owner: Russell City Energy Company LLC Phone No.: 713-570-3508
Address: 717 Texas Ave Ste 100 City: Houston State: TX Zip: 77002
Contractor Name: Bechtel Power Corp Phone No.: 301-228-6000
Address: 5275 Westview Dr City: Frederick State: MD Zip: 21703
Contact Person's Name: Otis Dankard Phone No.: 859-893-4102
Applicant: Jessica Barron Phone No.: 510-258-1875
Contractor's License No.: 280964 Class: A-General

City Business License (Tax ID No.) 144615 Expiration Date:

Work Site location: 3862 Depot Rd. Hayward, CA 94545

Date of anticipated work to be started: 10 JAN 2011 to be completed: 31 MAY 2013

Description of work (attached plans and details if available or as required): Access roads and sewer laterals for natural fired combined cycle power plant (600MW)

(List all work needs to be done within public right-of-way, any dimensions such as linear feet, square feet of area, quantities of items such as SDMH, inlets, driveway, etc.)

Scope of Permit: (Check appropriate box(es) and enter pertinent information to appropriate table(s))

[X] Street work (Concrete) (trench or bore):

Table with 5 columns: ft Length of curb, gutter and sidewalk (7.a.(1)), Number of pedestrian ramps, driveways (7.a.(3)), ft Length of planter strip fill per property (7.a.(4)), ft Length of street cut for trenches (7.c(1)), Areas of street cut for bore pits (7.c.(3))

[ ] Drainage system:

Table with 3 columns: ft Length of storm pipe and appurtenance (7.b.(1)), Number of tie-ins to existing structures (7.b.(3)), Number of new SDMHs, vaults, inlets, storm water interceptor or non-standard structures (7.b.(4), (5) and (6))

RECEIVED

**CONDITION OF CERTIFICATION  
COMPLIANCE-5  
Compliance Matrix**

**Russell City Energy Center  
Monthly Compliance Report #6  
January 2011**

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
<b>AIR QUALITY</b>																
AQ	SC03	PRE-OP		MCR	The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of preventing all fugitive dust plumes from leaving the Project.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC04	PRE-OP		MCR	The AQCMM or an AQCMM Delegate shall monitor all construction activities for visible dust plumes.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC05	PRE-OP		MCR	The AQCMM shall submit to the CPM in the MCR, a construction mitigation report that demonstrates compliance with the following mitigation measures for the purposes of controlling diesel construction-related emissions.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC06	OP			The project owner shall provide the CPM copies of all District issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) for the facility and any modifications proposed by the project owner to any project air permit for review and approval.	The project owner shall submit any ATC, PTO, and any proposed air permit modification to the CPM within five (5) working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.										Ongoing
AQ	SC07a	OP		QCR	The facility's emissions shall not exceed 1,225 lbs of NOx per day during the June 1 to September 30 periods. In addition, NOx emissions in excess of 848 lbs per calendar day shall be mitigated through the surrender of emission reduction credits (ERCs). The amount of credits to be surrendered shall be the difference between 848 lbs per day and the actual daily emissions.	As part of the quarterly compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC07b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC08a	OP		QCR	Turbine hot/warm start-up NOx emissions shall not exceed 125 pounds per start-up event.	As part of the quarterly compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC08b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC09a	OP		QCR	The project owner shall not operate both gas turbines (S-1 and S-3) simultaneously in start-up mode.	As part of the quarterly and annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC09b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC15	OP		ACR	The owner/operator shall not operate S-6 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 either gas turbine (S-1 or S-3) in start-up mode.	As part of the quarterly and annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	SC16	OP		ACR	The owner/operator shall limit the operation of S-6 Fire pump Diesel Engine to no more than 30 minutes per hour for reliability-related activities (maintenance and other testing, but excluding emission testing or emergency operation).	As part of the quarterly and annual compliance reports as required by AQ-19, the project owner shall include information on the date time and duration of any violation of this permit condition.										Not Started
<b>CONDITIONS FOR THE COMMISSIONING PERIOD</b>																
AQ	1	PRE-OP		MCR	The owner/operator of the RCEC shall minimize emissions of carbon monoxide and nitrogen oxides from S-1 & S-3 gas turbines and S-2 & S-4 Heat Recovery Steam Generators to the maximum extent possible during the commissioning period.	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started
AQ	2	PRE-OP		MCR	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-3 gas turbines combustors and S-2 & S-4 HRSGs duct burners to minimize the emissions of carbon monoxide and nitrogen oxides.	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started
AQ	3	PRE-OP		MCR	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, owner/operator shall install, adjust, and operate the A-2 & A-4 Oxidation Catalysts and A-1 & A-3 SCR Systems, to minimize the emissions of carbon monoxide and nitrogen oxides from S-1 & S-3 gas turbines and S-2 & S-4 HRSGs.	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started
AQ	4	PRE-OP		MCR	The owner/operator of the RCEC shall submit a plan to the District Engineering Division and the CPM at least four weeks prior to first firing of S-1 & S-3 gas turbines describing the procedures to be followed during the commissioning of the gas turbines, HRSGs, and steam turbines.	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started
AQ	5	PRE-OP		MCR	During the commissioning period, the owner/operator of the RCEC shall demonstrate compliance with AQ-7, AQ-8, AQ-9, and AQ-10, through the use of properly operated and maintained continuous emission monitors and data recorders for firing hours, fuel flow rates, stack gas nitrogen oxide emission concentrations, stack gas carbon monoxide emission concentrations, and stack gas oxygen concentrations.	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started
AQ	6	PRE-OP		MCR	The owner/operator shall install, calibrate, and operate the District-approved continuous monitors specified in AQ-5 prior to first firing of the gas turbines (S-1 & S-3) and HRSGs (S-2 & S-4). After first firing of the turbines, the owner/operator shall adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NOx emission concentrations.	The project owner shall submit MCR to CPM specifying how this condition is being complied with. In addition, the project owner shall provide evidence of the District's approval of the emission monitoring system to the CPM prior to first firing of the gas turbines.										Not Started
AQ	7	PRE-OP		MCR	The owner/operator shall not fire the S-1 gas turbine and S-2 HRSG without abatement of nitrogen oxide emissions by A-1 SCR System and/or abatement of carbon monoxide emissions by A-2 Oxidation Catalyst for more than 300 hours during the commissioning period.	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	8	PRE-OP		MCR	The owner/operator shall not fire the S-3 gas turbine and S-4 HRSG without abatement of nitrogen oxide emissions by A-3 SCR System and/or abatement of carbon monoxide emissions by A-4 Oxidation Catalyst for more than 300 hours during the commissioning period.	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started
AQ	9	PRE-OP		MCR	The total mass emissions of nitrogen oxides, carbon monoxide, precursor organic compounds, PM10, and sulfur dioxide that are emitted by the gas turbines (S-1 & S-3), HRSGs (S-2 & S-4) and S-6 Fire Pump Diesel Engine during the commissioning period shall accrue towards the consecutive twelve-month emission limitations specified in AQ-23.	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started
AQ	10	PRE-OP		MCR	The owner/operator shall not operate the gas turbines (S-1 & S-3) and HRSGs (S-2 & S-4) in a manner such that the combined pollutant emissions from these sources will exceed the following limits during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the gas turbines (S-1 & S-3).	The project owner shall submit MCR to CPM specifying how this condition is being complied with.										Not Started
AQ	11	OP			No less than 90 days after start-up, the owner/operator shall conduct District and Energy Commission approved source tests using certified continuous emission monitors to determine compliance with the emission limitations specified in AQ-19.	No later than 30 working days before commencement of source tests, the project owner shall submit to the District and CPM a detailed source test plan designed to satisfy the requirements of this condition.	Before commencement of source tests	30								Not Started
<b>CONDITIONS FOR THE GAS TURBINES (S-1 &amp; S-3) AND THE HRSGS (S-2 &amp; S-4)</b>																
AQ	12	OP		QCR	The owner/operator shall fire the gas turbines (S-1 & S-3) and HRSG duct burners (S-2 & S-4) exclusively on PUC-regulated natural gas with a maximum sulfur content of 1 grain per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of S-1 through S-4 shall sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas.	The project owner shall complete, on a monthly basis, a laboratory analysis showing the sulfur content of natural gas being burned at the facility. The sulfur analysis reports shall be incorporated into the quarterly compliance reports.										Not Started
AQ	13a	OP		QCR	The owner/operator shall not operate the units such that the combined heat input rate to each power train consisting of a gas turbine and its associated HRSG (S-1 & S-2 and S-3 & S-4) exceeds 2,238.6 MM BTU (HHV) per hour. (PSD for NOx)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	13b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	14a	OP		QCR	The owner/operator shall not operate the units such that the combined heat input rate to each power train consisting of a gas turbine and its associated HRSG (S-1 & S-2 and S-3 & S-4) exceeds 53,726 MM BTU (HHV) per day. (PSD for PM10)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	14b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	15a	OP		QCR	The owner/operator shall not operate the units such that the combined cumulative heat input rate for the gas turbines (S-1 & S-3) and the HRSGs (S-2 & S-4) exceeds 35,708,858 MM BTU (HHV) per year. (Offsets)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	15b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	16a	OP		QCR	The owner/operator shall not fire the HRSG duct burners (S-2 & S-4) unless its associated gas turbine (S-1 & S-3, respectively) is in operation. (BACT for NOx)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	16b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	17a	OP		QCR	The owner/operator shall ensure that the S-1 gas turbine and S-2 HRSG are abated by the properly operated and properly maintained A-1 SCR system and A-2 oxidation catalyst system whenever fuel is combusted at those sources and the A-1 SCR catalyst bed has reached minimum operating temperature. (BACT for NOx, POC and CO)	As part of the quarterly compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	17b	OP		ACR		As part of the annual compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	18a	OP		QCR	The owner/operator shall ensure that the S-3 gas turbine and S-4 HRSG are abated by the properly operated and properly maintained A-3 SCR System and A-4 oxidation catalyst system whenever fuel is combusted at those sources and the A-3 SCR catalyst bed has reached minimum operating temperature. (BACT for NOx, POC and CO)	As part of the quarterly compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	18b	OP		ACR		As part of the annual compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	19	OP		QCR	The owner/operator shall ensure that the gas turbines (S-1 & S-3) and HRSGs (S-2 & S-4) comply with requirements (a) through (h) under all operating scenarios, including duct burner firing mode. Requirements (a) through (h) do not apply during a gas turbine start-up, combustor tuning operation or shutdown. (BACT, PSD, and Regulation 2, Rule 5)	The project owner shall submit to the District and CPM, quarterly reports for the proceeding calendar quarter within 30 days from the end of the quarter. The report for the fourth quarter can be an annual compliance summary for the preceding year.										Not Started
AQ	19b	OP		ACR		The report for the fourth quarter can be an annual compliance summary for the preceding year.										Not Started
AQ	20a	OP		QCR	The owner/operator shall ensure that the regulated air pollutant mass emission rates from each of the gas turbines (S-1 & S-3) during a start-up does not exceed the limits established below. (PSD)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	20b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	21a	OP		QCR	The owner/operator shall not perform combustor tuning on gas turbines more than once every rolling 365 day period for each S-1 and S-3. The owner/operator shall notify the District no later than 7 days prior to combustor tuning activity. (Offsets, Cumulative Emissions)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	21b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	22a	OP		QCR	The owner/operator shall not allow total combined emissions from the gas turbines and HRSGs (S-1, S-2, S-3 & S-4), S-5 Cooling Tower, and S-6 Fire Pump Diesel Engine, including emissions generated during gas turbine start-ups, combustor tuning, and shutdowns to exceed the noted limits during any calendar day.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	22b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	23a	OP		QCR	The owner/operator shall not allow cumulative combined emissions from the gas turbines and HRSGs (S-1, S-2, S-3 & S-4), S-5 Cooling Tower, and S-6 Fire Pump Diesel Engine, including emissions generated during gas turbine start-ups, combustor tuning, and shutdowns to exceed the noted limits during any consecutive twelve-month period.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	23b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	24a	OP		QCR	The owner/operator shall not allow sulfuric acid emissions (SAM) from stacks P-1 and P-2 combined to exceed 7 tons in any consecutive 12 month period. (Basis: PSD)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	24b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	25a	OP		QCR	The owner/operator shall not allow the maximum projected annual toxic air contaminant emissions (per AQ-28) from the gas turbines and HRSGs (S-1, S-2, S-3 & S-4) combined to exceed the noted limits.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	25b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	26	PRE-OP			The owner/operator shall demonstrate compliance with AQ-13 through AQ-16, AQ-19(a) through (d), AQ-20, AQ-22(a) and (b), AQ-23(a) and (b) by using properly operated and maintained continuous monitors (during all hours of operation including gas turbine start-up, combustor tuning, and shutdown periods) for all of the noted parameters.	At least 30 days before first fire, the project owner shall submit to the CPM a plan on how the measurements and recordings required by this condition will be performed.	Before first fire	30								Not Started
AQ	27a	OP		QCR	To demonstrate compliance with conditions AQ-19(f) thru (h), AQ-22(c) thru (e), and AQ-23(c) thru (e), the owner/operator shall calculate and record on a daily basis, the Precursor Organic Compound (POC) mass emissions, Fine Particulate Matter (PM10) mass emissions (including condensable particulate matter), and Sulfur Dioxide (SO2) mass emissions from each power train.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	27b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	28a	OP		QCR	To demonstrate compliance with AQ-25, the owner/operator shall calculate and record on an annual basis the maximum projected annual emissions of: Formaldehyde, Benzene, and Specified PAH's.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	28b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	29a	OP			Within 90 days of start-up of the RCEC, the owner/operator shall conduct a District-approved source test on exhaust point P-1 or P-2 to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-19(e).	The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	29b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	30a	OP			Within 90 days of start-up of the RCEC and on an annual basis thereafter, the owner/operator shall conduct a District-approved source test on exhaust points P-1 and P-2 while each gas turbine and associated Heat Recovery Steam Generator are operating at maximum load to determine compliance with AQ-19(a),(b),(c),(d),(f),(g), and (h) and while each gas turbine and associated Heat Recovery Steam Generator are operating at minimum load to determine compliance with AQ-19(c) and (d), and to verify the accuracy of the continuous emission monitors required in AQ-26	The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	30b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	31a	OP			The owner/operator shall obtain approval for all source test procedures from the District's Source Test Section and the CPM prior to conducting any tests. The owner/operator shall comply with all applicable testing requirements for continuous emission monitors as specified in Volume V of the District's Manual of Procedures. The owner/operator shall notify the District's Source Test Section and the CPM in writing of the source test protocols and projected test dates at least 7 days prior to the testing date(s).	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	31b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	32a	OP			Within 90 days of start-up of the RCEC and on a biennial basis (once every two years) thereafter, the owner/operator shall conduct a District-approved source test on exhaust point P-1 or P-2 while the gas turbine and associated Heat Recovery Steam Generator are operating at maximum allowable operating rates to demonstrate compliance with AQ-25.	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	32b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	33a	OP			The owner/operator shall calculate the SAM emission rate using the total heat input for the sources and the highest results of any source testing conducted pursuant to AQ-30. If this SAM mass emission limit of AQ-24 is exceeded, the owner/operator must utilize air dispersion modeling to determine the impact (in µg/m3) of the sulfuric acid mist emissions pursuant to Regulation 2-2-306. (PSD)	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	33b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	34a	OP			Within 90 days of start-up of the RCEC and on a semi-annual basis (twice per year) thereafter, the owner/operator shall conduct a District-approved source test on exhaust points P-1 and P-2 while each gas turbine and HRSG duct burner is operating at maximum heat input rates to demonstrate compliance with the SAM emission rates specified in AQ-24.	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	34b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	35	OP			The owner/operator of the RCEC shall submit all reports (including, but not limited to monthly CEM reports, monitor breakdown reports, emission excess reports, equipment breakdown reports, etc.) as required by District Rules or Regulations and in accordance with all procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Enforcement Division Policies & Procedures Manual. (Regulation 2-6-502)	The project owner shall submit to the District and CPM the reports as required by procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Enforcement Division Policies & Procedures Manual.	As required									Not Started
AQ	36	OP			The owner/operator of the RCEC shall maintain all records and reports on site for a minimum of 5 years. These records shall include but are not limited to: continuous monitoring records (firing hours, fuel flows, emission rates, monitor excesses, breakdowns, etc.), source test and analytical records, natural gas sulfur content analysis results, emission calculation records, records of plant upsets and related incidents. The owner/operator shall make all records and reports available to District and the CPM staff upon request. (Regulation 2-6-501)	During site inspection, the project owner shall make all records and reports available to the District, ARB, EPA or CEC staff.	Open									Not Started
AQ	37a	OP		QCR	The owner/operator of the RCEC shall notify the District and the CPM of any violations of these permit conditions. Notification shall be submitted in a timely manner, in accordance with all applicable District Rules, Regulations, and the Manual of Procedures. Notwithstanding the notification and reporting requirements given in any District Rule, Regulation, or the Manual of Procedures, the owner/operator shall submit written notification (facsimile is acceptable) to the Enforcement Division within 96 hours of the violation of any permit condition. (Regulation 2-1-403)	Submittal of these notifications as required by this condition is the verification of these permit conditions. In addition, as part of the quarterly compliance reports of AQ-19, the project owner shall include information on the dates when these violations occurred and when the project owner notified the District and the CPM.										Not Started

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	37b	OP		ACR		Submittal of these notifications as required by this condition is the verification of these permit conditions. In addition, as part of the annual compliance reports of AQ 19, the project owner shall include information on the dates when these violations occurred and when the project owner notified the District and the CPM.										Not Started
AQ	38	CONS			The owner/operator shall ensure that the stack height of emission points P-1 and P-2 is each at least 145 feet above grade level at the stack base. (PSD, Regulation 2-5)	At least 120 days prior to construction of the turbine stacks, the project owner shall provide the District and CPM an "approved for construction" drawing showing the appropriate stack height and location of sampling ports and platforms. The project owner shall make the site available to the District, EPA and CEC staff for inspection.	Prior to construction	120								Not Started
AQ	39	CONS			The owner/operator of RCEC shall provide adequate stack sampling ports and platforms to enable the performance of source testing. The location and configuration of the stack sampling ports shall comply with the District Manual of Procedures, Volume IV, Source Test Policy and Procedures, and shall be subject to BAAQMD review and approval. (Regulation 1-501)	At least 120 days prior to construction of the turbine stacks, the project owner shall provide the District and CPM an "approved for construction" drawing showing the appropriate stack height and location of sampling ports and platforms. The project owner shall make the site available to the District, EPA and CEC staff for inspection.	Prior to construction	120								Not Started
AQ	40	PRE-OP			Within 180 days of the issuance of the Authority to Construct for the RCEC, the owner/operator shall contact the BAAQMD Technical Services Division regarding requirements for the continuous emission monitors, sampling ports, platforms, and source tests required by AQ-29, 30, 32, 34, and 43.	Compliance with this condition is the verification of this permit condition.	Issuance of ATC	180								Not Started
AQ	41	OP			Pursuant to BAAQMD Regulation 2, Rule 6, section 404.1, the owner/operator of the RCEC shall submit an application to the BAAQMD for a major facility review permit within 12 months of completing construction as demonstrated by the first firing of any gas turbine or HRSG duct burner. (Regulation 2-6-404.1)	The project owner shall submit to the CPM copies of the Federal (Title IV) Acid Rain and (Title V) Operating Permit within thirty (30) days after they are issued by the District.	After issued by District	30								Not Started
AQ	42	OP			Pursuant to 40 CFR Part 72.30(b)(2)(ii) of the Federal Acid Rain Program, the owner/operator of the Russell City Energy Center shall submit an application for a Title IV operating permit to the BAAQMD at least 24 months before operation of any of the gas turbines (S-1, S-3, S-5, or S-7) or HRSGs (S-2, S-4, S-6, or S-8). (Regulation 2, Rule 7)	The project owner shall submit to the CPM copies of the Federal (Title IV) Acid Rain and (Title V) Operating Permit within thirty (30) days after they are issued by the District.	After issued by District	30								Not Started
AQ	43	PRE-OP			The owner/operator shall ensure that the Russell City Energy Center complies with the continuous emission monitoring requirements of 40 CFR Part 75. (Regulation 2, Rule 7)	At least sixty (60) days prior to the installation of the CEMS, the project owner shall seek approval from the District for an emission monitoring plan.	Prior to installation of CEMS	60								Not Started

### PERMIT CONDITIONS FOR COOLING TOWERS

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	44	CONS			The owner/operator shall properly install and maintain the S-5 cooling tower to minimize drift losses. The owner/operator shall equip the cooling tower 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 8,000 ppmw (mg/l). The owner/operator shall sample and test the cooling tower water at least once per day to verify compliance with this TDS limit (PSD).	At least 120 days prior to construction of the cooling tower, the project owner shall provide the District and CPM an "approved for construction" drawing and specifications for the cooling tower and the high-efficiency mist eliminator.	Prior to construction	120								Not Started
AQ	45a	OP		QCR	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.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	45b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
<b>PERMIT CONDITIONS FOR S-6 FIRE PUMP DIESEL ENGINE</b>																
AQ	46a			QCR	The owner/operator shall not operate S-6 Fire Pump Diesel Engine more than 50 hours per year for reliability-related activities. ("Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3) or (e)(2)(B)(3), offsets)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	46b			ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	47a			QCR	The owner/operator shall operate S-6 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). Operating hours while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	47b			ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	48a			QCR	The owner/operator shall operate S-6 Fire Pump Diesel Engine only when a non-resettable 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. ("Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(G)(1), cumulative increase)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	48b			ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	49				The owner/operator shall maintain the following monthly records in a District-approved log for at least 60 months from the date of entry.	During site inspection, the project owner shall make all records and reports available to the District, ARB, EPA or CEC staff.	Open									Not Started

### BIOLOGICAL RESOURCES

#### DESIGNATED BIOLOGIST SELECTION

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status	
<b>DESIGNATED BIOLOGIST DUTIES</b>																	
BIO	2a	OP		MCR	The Designated Biologist shall perform the noted during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities	The Designated Biologist shall maintain written records of the tasks described above, and summaries of these records shall be submitted in the Monthly Compliance Reports.											Ongoing
BIO	2b	OP		ACR		During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report.											Not Started
<b>DESIGNATED BIOLOGIST AUTHORITY</b>																	
BIO	3	CONS			The project owner's Construction/Operation Manager shall act on the advice of the Designated Biologist to ensure conformance with the biological resources conditions of certification.	The Designated Biologist must notify the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem.	During construction										Ongoing
<b>BIOLOGICAL RESOURCES MITIGATION IMPLEMENTATION AND MONITORING PLAN</b>																	
BIO	4b	PRE-OP				Within thirty (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 construction	30									Not Started
<b>WORKER ENVIRONMENTAL AWARENESS PROGRAM</b>																	
BIO	5b	PRE-OP		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 keep record of all persons who have completed the training to date. The signed statements for the 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 operation.											Ongoing
<b>FACILITY CLOSURE</b>																	
BIO	11	OP			The project owner will incorporate into the planned permanent or unexpected permanent closure plan measures that address the local biological resources. The biological resource facility closure measures will also be incorporated into the project Biological Resources Mitigation Implementation and Monitoring Plan.	At least 12 months (or a mutually agreed upon time) prior to the commencement of closure activities, the project owner shall address all biological resource-related issues associated with facility closure in a Biological Resources Element. The Biological Resources Element will be incorporated into the Facility Closure Plan, and include a complete discussion of the local biological resources and proposed facility closure mitigation measures.	Prior to commencement of closure activities	12 mos									Not Started
<b>CONSTRUCTION NOISE LEVELS</b>																	
<b>BIRD FLIGHT DIVERTERS</b>																	

## RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

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BIO	13	PRE-OP			Bird flight diverters will be placed on all overhead ground wires associated with the RCEC power plant.	No less than seven (7) days prior to energizing the new RCEC transmission line, the project owner will provide photographic verification to the Energy Commission CPM that bird flight diverters have been installed to manufacturer's specifications. A discussion of how the bird flight diverters will be maintained during the life of the project will be included in the project's BRMIMP.	Prior to energizing new RCEC Tline	7								Not Started	
<b>CULTURAL RESOURCES</b>																	
CUL	3c	CONS				The CRR shall be submitted to the CPM within 90 days after completion of ground disturbance (including landscaping) for review and approval.	After completion of ground disturbance	90									Not Started
CUL	3d	CONS				Within 10 days after CPM approval, the project owner shall provide documentation to the CPM that copies of the CRR have been provided to the curating institution (if archaeological materials were collected), the SHPO and the CHRIS.	After CPM approval	10									Ongoing
CUL	4a	CONS		MCR	The project owner shall ensure that a Worker Environmental Awareness Training for all new employees shall be conducted prior to beginning and during periods of pre-construction site mobilization, construction ground disturbance, construction grading, boring, and trenching, and construction.	At a minimum, training for new employees shall be conducted on a weekly basis. Copies of acknowledgement forms signed by trainees shall be provided in the MCR.								1/4/10	2010-0011	Ongoing	
CUL	6a	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 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.	During ground disturbance										Ongoing
CUL	6b	CONS		MCR		During the ground disturbance phases of the project, the project owner shall include in the MCR to the CPM copies of the weekly summary reports prepared by the CRS regarding project-related cultural resources monitoring. Copies of daily logs shall be retained and made available for audit by the CPM as needed.											Ongoing
CUL	7a	CONS			Prior to any form of debris removal, ground clearing, or grading at the Aladdin Parcel, Tomkins parcel, Zanette Parcel, Chess Parcel, Transmission Line Route Alternative 2, and portions of Alternative 1 subject to ground disturbance, the CPM shall be informed via e-mail or other method acceptable to the CPM, that debris removal, ground clearing, or grading is about to occur.	One week prior to any form of debris removal, ground clearing or grading at the Aladdin Parcel, Tomkins parcel, Zanette Parcel, Chess Parcel, Alternative 2 transmission line route, and Alternative 1 Transmission Line Route where there may be ground disturbance, the project owner shall inform the CPM via e-mail, or another method acceptable to the CPM, that the debris removal, ground clearing, or grading will begin within one week and that the CRS, alternate CRS or CRM(s) are available to monitor.	Prior to any form of debris removal, ground clearing or grading	7									Ongoing
CUL	7b	CONS				No later than one week after completion of each cleared earth examination or survey, and prior to any additional grading or ground disturbance, a letter report identifying survey personnel and detailing the methods, procedures, location, and results of the examinations or surveys shall be provided to the CPM for review and approval.	After completion of clearing	7									Ongoing
<b>FACILITY DESIGN</b>																	

## RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

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GEN	1	PRE-OP	X		The project owner shall design, construct and inspect the project in accordance with the 2001 California Building Code (CBC) 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 CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable engineering LORS and the Energy Commission Decision have been met in the area of facility design.	After receipt of Certificate of Occupancy	30								Ongoing
GEN	2b	CONS		MCR		The project owner shall provide schedule updates in the Monthly Compliance Report.										Ongoing
GEN	3a	CONS	X		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 make the required payments to the CBO in accordance with the agreement between the project owner and the CBO.										Ongoing
GEN	3b	CONS		MCR		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.										Ongoing
GEN	6a		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.	At least 15 days 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.	Prior to start of activity requiring special inspection	15								Ongoing
GEN	6b			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.								10/04/10 Submitted to CBO		Ongoing
GEN	7			MCR	The project owner shall keep the CBO informed regarding the status of engineering and construction. If any discrepancy in design and/or construction is discovered in any work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend the corrective action required.	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.										Ongoing
GEN	8		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. When the work and the "as-built" and "as graded" plans conform to the approved final plans, the project owner shall notify the CPM regarding 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.									Ongoing	
CIVIL	2				The resident engineer shall, if appropriate, stop all earthworks and construction in the affected areas when the responsible 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 notify the CPM, within five (5) days, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within five (5) days 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.	Notify	5								Ongoing

## RUSSELL CITY ENERGY CENTER 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 CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
CIVIL	3a		X		The project owner shall perform inspections in accordance with the 2001 CBC, Chapter 1, Section 108, Inspections; Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection; and Appendix Chapter 33, Section 3317, Grading Inspection.	Within five (5) 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. Within five (5) days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM.	Discovery of discrepancy	5								Ongoing
CIVIL	3b			MCR		A list of NCRs, for the reporting month, shall also be included in the following Monthly Compliance Report.										Ongoing
CIVIL	4a		X		After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Within 30 days of the completion of the erosion and sediment control mitigation and drainage facilities, the project owner shall submit to the CBO 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.	Completion of erosion and sediment control mitigation	30								Not Started
CIVIL	4b			MCR		The project owner shall submit a copy of this report to the CPM in the next Monthly Compliance Report.										Not Started
STRUC	1		X		Prior to the start of any increment of construction of any major structure or component listed in Table 1 of Condition of Certification GEN-2, above, the project owner shall submit to the CBO for design review and approval the proposed lateral force procedures for project structures and the applicable designs, plans and drawings for project structures.	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 any increment of construction of any structure or component listed in Table 1 of Condition of Certification GEN-2, above the project owner shall submit to the CBO, with a copy to the CPM, the responsible design engineer's signed statement that the final design plans, specifications and calculations conform with all of the requirements set forth in the Energy Commission Decision.	Prior to start of any increment of construction of any structure	30								Ongoing
STRUC	2				The project owner shall submit to the CBO the required number of sets of the noted documents related to work that has undergone CBO design review and approval.	If a discrepancy is discovered in any of the above data, the project owner shall, within five days, prepare and submit an NCR describing the nature of the discrepancies to the CBO, with a copy of the transmittal letter to the CPM.										Ongoing
STRUC	3a		X		The project owner shall submit to the CBO design changes to the final plans required by the 2001 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3, 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.									Ongoing	
STRUC	3b			MCR		The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.										Ongoing
STRUC	4a		X		Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in Chapter 3, Table 3-E of the 2001 CBC shall, at a minimum, be designed to comply with Occupancy Category 2 of the 2001 CBC.	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 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 start of installation of tanks or vessels	30								Not Started

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STRUC	4b			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.										Not Started
MECH	1a		X		Prior to the start of any increment of major piping or plumbing construction, 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 Table 1, Condition of Certification GEN 2.	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 any increment of major piping or plumbing construction, 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 from the responsible mechanical engineer certifying compliance with the applicable LORS.	Prior to start of any increment of major piping or plumbing construction	30								Not Started
MECH	1b			MCR		The project owner shall send the CPM a copy of the transmittal letter from above in the next Monthly Compliance Report and include a copy of the transmittal letter conveying the CBO's inspection approvals.										Not Started
MECH	2a		X		For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by the applicable LORS.	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 on-site fabrication or installation of any pressure vessel, the project owner shall submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	Prior to start of on-site fabrication or installation of any pressure vessel	30								Not Started
MECH	2b			MCR		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.										Not Started
MECH	3		X		Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, the project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations and quality control procedures for that system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets.	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 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 start of construction of any HVAC or refrigeration system	30								Not Started
ELEC	1a		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 a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for design review and approval the above listed documents.	Prior to start of each increment of electrical construction	30						9/21/10		Ongoing

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ELEC	1b			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.										Ongoing
<b>GEOLOGICAL RESOURCES</b>																
GEO	2a				The assigned Engineering Geologist(s) shall carry out the duties required by the 2001 CBC, Appendix Chapter 33, Section 3309.4 Engineered Grading Requirement, and Section 3318.1- Final Reports.	Within 15 days after submittal of the application(s) for grading permit(s) to the CBO or other, the project Owner shall submit a signed statement to the CPM stating that the Engineering Geology Report has been submitted to the CBO as a supplement to the plans and specifications and that the recommendations contained in the report are incorporated into the plans and specifications.	After submittal of grading permit application	15								Ongoing
GEO	2b					Within 90 days following the completion of the final grading, the project Owner shall submit copies of the Final Geologic Report required by the 2001 CBC Appendix Chapter 33, Section 3318 Completion of Work, to the CBO, with a copy of the transmittal letter forwarded to the CPM.	Completion of final grading	90								Not Started
<b>HAZARDOUS MATERIALS MANAGEMENT</b>																
HAZ	1			ACR	The project owner shall not use any hazardous material in any quantity or strength not listed in Tables 3.5-1 and 3.5-2 of the amendment unless reviewed in advance by the Hayward Fire Department and approved in advance by the CPM.	The project owner shall provide to the Compliance Project Manager (CPM), in the Annual Compliance Report, a list of all hazardous materials contained at the facility. If any changes are requested, the project owner shall do so in writing, with a copy to the Hayward Fire Department, at least 30 days before the change is needed, to the CPM for approval.										Not Started
HAZ	2				The project owner shall provide a Risk Management Plan (RMP) and a Hazardous Materials Business Plan (HMBP), (that shall include the proposed building chemical inventory as per the UFC) to the City of Hayward Fire Department and the CPM for review at the time the RMP plan is first submitted to the U.S. Environmental Protection Agency (EPA).	At least 60 days prior to construction of hazardous materials storage facilities and control systems, the project owner shall provide the final plans (RMP and HMBP) listed above and accepted by the City of Hayward to the CPM for approval.	Prior to construction of hazmat storage facilities	60								Not Started
HAZ	3				The project owner shall develop and implement a Safety Management Plan (SMP) for delivery of ammonia and other liquid hazardous materials.	At least sixty (60) days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a SMP as described above to the CPM for review and approval.	Prior to delivery of any liquid hazmat	60								Not Started
HAZ	4				The aqueous ammonia storage facility shall be designed and built to either the ASME Pressure Vessel Code and ANSI K61.6 or to API 620. In either case, the storage tank shall be protected by a secondary containment basin capable of holding 125 percent of the storage volume or the storage volume plus the volume associated with 24 hours of rain assuming the 25-year storm, and shall be covered so that only drain holes or spaces or vents are open to the atmosphere.	At least sixty (60) days prior to delivery of aqueous ammonia to the facility, the project owner shall submit final design drawings and specifications for the ammonia storage tank, the tanker truck transfer pad, and secondary containment basin(s) to the CPM for review and approval.	Prior to delivery of aqueous ammonia	60								Not Started

**RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX**

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HAZ	5				The project owner shall ensure that no combustible or flammable material is stored, used, or transported within 50 feet of the sulfuric acid tank.	At least sixty (60) 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 on-site	60									Not Started
HAZ	6				The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles, which meet or exceed the specifications of DOT Code MC-307.	At least sixty (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 receipt of aqueous ammonia	60									Not Started
HAZ	7				The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM (SR92 to Clawiter to Depot Road to the facility).	At least sixty (60) days prior to receipt of any hazardous materials on site, 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 hazmat	60									Not Started
HAZ	8				The project owner shall ensure that the portion of the natural gas pipeline owned by the project undergo a complete design review and detailed inspection 30 years after initial installation and each 5 years thereafter.	At least thirty days prior to the initial flow of gas in the pipeline, the project owner shall provide a detailed plan to accomplish a full and comprehensive pipeline design review to the CPM for review and approval. This 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.	Prior to initial flow of gas in pipeline	30									Not Started
HAZ	9				After any significant seismic event in the area where surface rupture occurs within one mile of the pipeline, the gas pipeline portion owned by the project shall be inspected by the project owner.	At least thirty 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 inspection of that portion of the pipeline owned by the project in the event of an earthquake for review and approval.	Prior to initial flow of gas	30									Not Started
HAZ	11				Ammonia sensors shall be installed, operated, and maintained around the aqueous ammonia storage tank and tanker truck transfer pad. The number, specific locations, and specifications of the ammonia sensors shall be submitted to the CPM for review and approval.	At least sixty (60) days prior to delivery of aqueous ammonia to the facility, the project owner shall submit final design drawings showing the number, location, and specifications of the ammonia sensors to the CPM for review and approval.	Prior to delivery of aqueous ammonia	60									Not Started
HAZ	13				In order to determine the level of security appropriate for this power plant, the project owner shall prepare a Vulnerability Assessment and submit that assessment as part of the Operations Security Plan to the CPM for review and approval.	At least 30 days prior to the initial receipt of hazardous materials on-site, the project owner shall notify the CPM that a site-specific vulnerability assessment and operations site security plan are available for review and approval.	Prior to initial receipt of hazmat	30									Not Started
<b>LAND USE</b>																	
<b>NOISE AND VIBRATION</b>																	
NOISE	2				Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project related noise complaints.	Within thirty (30) days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form, or similar instrument approved by the CPM, with the City of Hayward, and with the CPM, documenting the resolution of the complaint.	Receipt of noise complaint	30									Ongoing

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NOISE	4				The project owner shall employ a low-pressure continuous steam or air blow process. High-pressure steam blows shall be permitted only if the system is equipped with an appropriate silencer that quiets steam blow noise to no greater than 86 dBA, measured at a distance of 50 feet. The project owner shall submit a description of this process, with expected noise levels and projected hours of execution, to the CPM.	At least fifteen (15) days prior to any low-pressure continuous steam or air blow, the project owner shall submit to the CPM drawings or other information describing the process, including the noise levels expected and the projected time schedule for execution of the process.	Prior to low-pressure continuous steam or air blow	15								Not Started
NOISE	5				At least 15 days prior to the first steam or air blow(s), the project owner shall notify the City of Hayward, the Hayward Area Recreation District, the East Bay Regional Parks District, and residents within one mile of the site of the planned activity, and shall make the notification available to other area residents in an appropriate manner.	Within five (5) days of notifying these entities, the project owner shall send a letter to the CPM confirming that they have been notified of the planned steam or air blow activities, including a description of the method(s) of that notification.	Notifying entities	5								Not Started
NOISE	6				The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the project will not cause resultant noise levels to exceed the noise standards of the City of Hayward Municipal Code or Noise Element.	Within thirty (30) days after completing the post-construction survey, the project owner shall submit a summary report of the survey to the CPM. Included in the post-construction survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	After completing postconstruction survey	30								Not Started
NOISE	7				Within 30 days after the facility is in full operation, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	Within thirty (30) days after completing the survey, the project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request.	After completing survey	30								Not Started
NOISE	8				Heavy equipment operation and noisy construction work shall be restricted to the times of day delineated	The project owner shall transmit to the CPM in the first monthly construction report a statement acknowledging that the above restrictions will be observed throughout the construction of the project.										Ongoing
<b>PALEONTOLOGICAL RESOURCES</b>																
PAL	4			MCR	At least 30 days prior to the start of project construction, the Project Owner shall submit to the CPM for review, comment, and approval, the proposed employee training program and the set of reporting procedures the workers are to follow if paleontologic resources are encountered during project construction.	The Project Owner shall include in the Monthly Compliance Reports a summary of paleontologic activities conducted by the designated Paleontologic Resource Specialist.										Ongoing
PAL	5				The Project Owner, through the designated Paleontologic Resource Specialist, shall ensure recovery, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontologic 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 Paleontologic Resource Specialist 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 delivery of all significant paleontologic resource materials collected during data recovery and mitigation for the project.										Ongoing
PAL	6				The Project Owner shall ensure preparation of a Paleontologic Resources Report by the designated Paleontologic Resource Specialist.	The Project Owner shall submit a copy of the Paleontologic Resources Report to the CPM for review and approval, under a cover letter stating that it is a confidential document. The report is to be prepared by the designated Paleontologic Resource Specialist within 90 days following completion of the analysis of the recovered fossil materials.	Following completion of analysis	90								Not Started

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PAL	7				The Project Owner shall include in the facility closure plan a description regarding potential impact to paleontologic resources by the closure activities. The conditions for closure will be determined when a facility closure plan is submitted to the CPM, twelve months prior to closure of the facility.	The Project Owner shall include a description of closure activities described above in the facility closure plan.										Not Started
<b>PUBLIC HEALTH</b>																
PH	1				The project owner shall develop, implement, and submit to the CPM for review and approval a Cooling Water Management Plan to ensure that the potential for bacterial growth in cooling water is controlled.	At least 60 days prior to the commencement of cooling tower operations, the Cooling Water Management Plan shall be provided to the CPM for review and approval.	Prior to commencement of cooling tower operations	60								Not Started
<b>SOCIOECONOMICS</b>																
<b>SOIL &amp; WATER RESOURCES</b>																
WATER	3				The project owner shall comply with the requirements of the General NPDES Permit for Discharges of Storm Water Associated with Industrial Activity. The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the operation of the RCEC.	The project owner shall submit to the CPM a copy of the Industrial SWPPP that includes all requirements of Hayward Municipal Code Chapter 11, Article 5 for Stormwater Management and Urban Runoff Control prior to commercial operation and retain a copy on-site.										Not Started
WATER	4a				The project owner shall use tertiary-treated water supplied from the on-site Title 22 Recycled Water Facility (RWF) as its primary source for cooling and process water supply. Potable water may be used for cooling and process purposes only in the event of an unavoidable interruption of the on-site Title 22 RWF supply or secondary effluent from the City of Hayward, but not to exceed 45 days (1080 hours) in any one operational year.	Prior to the use of recycled water for any purpose the project owner shall submit to the CPM the water supply and distribution system design and the Engineering Report for the Production, Distribution and Use of Recycled Water approved by DHS and the SFRWQCB demonstrating compliance with this condition.	Prior to use of recycled water									Not Started
WATER	4b			ACR		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. 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.										Not Started
WATER	6b					Prior to the use of recycled water (secondary or tertiary treated) for any purpose, the project owner shall submit to the CPM two (2) copies of an executed and final Recycled Water Supply Agreement between the project owner and the City for the supply of secondary effluent.	Prior to use of recycled water									Not Started
WATER	6c			ACR		During operations, the project owner shall submit any water quality monitoring reports for potable or recycled water use required by the City to the CPM in the annual compliance report.										Not Started
WATER	7b	OP				Within sixty (60) days following the RCEC commercial operation date, the project owner shall submit to the CPM evidence of submittal of as-built plans to the City of Hayward in order to obtain a final letter of map revision (LOMR).	Following commercial operation date	60								Not Started

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WATER	9a	PRE-OP			Prior to commercial operation, the project owner shall provide the CPM and the City of Hayward (City) with all the information and data necessary to satisfy the City's pretreatment requirements for the discharge of industrial and sanitary wastewater to the City's sewer system. The project owner shall provide the CPM with two (2) copies of an executed and final discharge permit for industrial and sanitary wastewater discharge.	No later than sixty (60) days prior to commercial operation, the project owner shall submit the information and data required in accordance with Municipal Code Section 11, Article 3 and any other service agreements for wastewater discharge to the City's sanitary sewer system to the City for review and comment, and to the CPM for review and approval.	Prior to commercial operations	60								Not Started
WATER	9b			ACR		During operations, the project owner shall submit any water quality monitoring required by the City to the CPM in the annual compliance report.										Not Started
<b>TRAFFIC AND TRANSPORTATION</b>																
TRANS	4	PRE-OP			The project owner shall complete construction of Enterprise Avenue along the project frontage. Enterprise Avenue is to be constructed as a standard 60-foot industrial public street per City of Hayward Detail SD-102. This includes removal of the temporary asphalt curb, construction of approximately 21 feet of street pavement and a standard 6-foot sidewalk	At least thirty (30) days prior to operation of the RCEC plant, the project owner shall submit to the CPM, written verification from the City of Hayward that construction of Enterprise Avenue along the project frontage has been completed in accordance with the City of Hayward's standards.	Prior to operations	30								Not Started
TRANS	9			MCR	The project owner or its contractor shall comply with the City of Hayward Planning Department limitations for encroachment into public rights-of-way and shall obtain necessary encroachment permits from the City of Hayward Public Works Department.	In the Monthly Compliance Reports, the project owner shall submit copies of any encroachment permits received during that month's reporting period to the Compliance Project Manager (CPM).										Ongoing
TRANS	10b					At least six (6) months prior to the first test or commissioning procedure, the project owner shall demonstrate to the CPM that it has coordinated with the Hayward Executive Airport manager and changes to the San Francisco VFR Terminal Area Chart have been submitted.	Prior to first test or commissioning	6 mos								Not Started
TRANS	10c					At least sixty (60) days prior to the first test or commissioning procedure, the project owner shall demonstrate to the CPM that it has coordinated with the Hayward Executive Airport manager and changes to the AFD have been submitted.	Prior to first test or commissioning	60								Not Started
TRANS	10d					At least sixty (60) days prior to the first test or commissioning procedure, the project owner shall provide verification to the CPM from the Hayward Executive Airport ATCT that any necessary modifications to local missed approach procedures have been coordinated with Northern California Terminal Radar Approach Control.	Prior to first test or commissioning	60								Not Started
TRANS	10e					At least thirty (30) days prior to the first test or commissioning procedure, the project owner shall provide verification to the CPM from the Hayward Executive Airport manager that he has an adequate supply, as determined by him, of the "fly friendly" brochure used for pilot education.	Prior to first test or commissioning	30								Not Started

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TRANS	10f					At least thirty (30) days prior to the first test or commissioning procedure, the project owner shall provide verification to the CPM from the Hayward Executive Airport and Oakland International ATCT that the proposed language for the ATIS accurately describes the location of the RCEC and recommendation to avoid overflight below 1,000 feet.	Prior to first test or commissioning	30									Not Started
TRANS	10f					The project owner shall provide simultaneously to the CPM copies of all advisories sent to the Hayward and Oakland Air Traffic Control Towers.											Not Started
<b>TRANSMISSION LINE SAFETY AND NUISANCE</b>																	
TLSN	1				The project transmission lines shall be constructed according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2. High Voltage Electrical Safety Orders, and Sections 2700 through 2974 of the California Code of Regulations.	At least thirty (30) days before starting construction of the transmission line or related structures and facilities, the project owner shall submit to the Compliance Project Manager (CPM) a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the condition.	Prior to construction of T-line or related	30									Not Started
TLSN	2			ACR	Every reasonable effort shall be made to identify and correct, on a case-specific basis, any complaints of interference with radio or television signals from operation of the project-related lines and associated switchyards.	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the Annual Compliance Report.											Not Started
TLSN	3				A qualified consultant shall be hired to measure the strengths of the electric and magnetic fields from the proposed line segment before and after it is energized.	The project owner shall file copies of the pre-and post-energization measurements and measurements with the CPM within 60 days after completion of the measurements.	After completion of measurements	60									Not Started
TLSN	4			ACR	The rights-of-way of the proposed transmission line shall be kept free of combustible materials, as required under the provisions of Section 4292 of the Public Resources Code and Section 1250 of Title 14 of the California Code of Regulations.	During the first five years of plant operation, the project owner shall provide a summary of inspection results and any fire prevention activities carried out along the right-of-way and provide such summaries in the Annual Compliance Report.											Not Started
TLSN	5				All permanent metallic objects within the right-of-way of the project-related lines shall be grounded according to industry standards regardless of ownership. In the event of a refusal by any property owner to permit such grounding, the project owner shall so notify the CPM.	At least 30 days before the lines are energized, the project owner shall transmit to the CPM a letter confirming compliance with this Condition.	Before energization	30									Not Started
<b>TRANSMISSION SYSTEM ENGINEERING</b>																	
TSE	1a				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, the project owner shall submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM.	Prior to start of construction	60									Ongoing
TSE	1b			MCR	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.	The project owner shall provide schedule updates in the Monthly Compliance Report.											Ongoing
TSE	3				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.	Receipt	15									Not Started

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TSE	4a				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 start of each increment of construction	30									Not Started
TSE	4b			MCR	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.	The project owner shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.											Not Started
TSE	5				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 below. The project owner shall submit the required number of copies of the design drawings and calculations to the CBO as determined by the CBO.	At least sixty (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.	Prior to start of construction	60									Not Started
TSE	6				The project owner shall inform the CPM and CBO of any impending changes, which may not conform to the requirements TSE-5 a) through f), and have not received CPM and CBO approval, and request approval to implement such changes.	At least sixty (60) days prior to the construction of transmission facilities, the project owner shall inform the CBO and the CPM of any impending changes which may not conform to requirements of TSE-5 and request approval to implement such changes.	Priro to construction of T-line or related	60									Not Started
TSE	7				The project owner shall provide the following Notice to the California Independent System Operator (CA ISO) prior to synchronizing the facility with the California Transmission system.	The project owner shall provide copies of the CA ISO letter to the CPM when it is sent to the CA ISO one week prior to initial synchronization with the grid. The project owner shall contact the CA 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 grid	7									Not Started
TSE	8				The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC GO-95 or NESC, Title 8, CCR, Articles 35, 36 and 37 of the, "High Voltage Electric Safety Orders", applicable interconnection standards, NEC and related industry standards.	Within sixty (60) days after first synchronization of the project, the project owner shall transmit to the CPM and CBO.	After first synchronization	60									Not Started
<b>VISUAL RESOURCES</b>																	
VIS	2a				Prior to the first turbine roll, the project owner shall prepare and implement an approved onsite landscape plan to screen the power plant from view to the greatest extent possible. Suitable irrigation shall be installed to ensure survival of the plantings. Landscaping shall be installed consistent with the City of Hayward zoning ordinance and with the U.S. Fish and Wildlife Service's recommendations, if applicable, that plants not provide opportunities for perching by birds of prey.	Prior to the first turbine roll and at least sixty (60) days prior to installing the landscaping, the project owner shall submit the landscape plan to the CPM for review and approval.	Prior to first turbine roll and prior ot installing landscaping	60									Not Started

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VIS	2b			ACR	Prior to the first turbine roll, the project owner shall prepare and implement an approved onsite landscape plan to screen the power plant from view to the greatest extent possible. Suitable irrigation shall be installed to ensure survival of the plantings. Landscaping shall be installed consistent with the City of Hayward zoning ordinance and with the U.S. Fish and Wildlife Service's recommendations, if applicable, that plants not provide opportunities for perching by birds of prey.	The project owner shall report landscape maintenance activities, including replacement of dead vegetation, for the previous year of operation in the Annual Compliance Report.										Not Started
VIS	3a				Prior to first turbine roll, the project owner shall treat all project structures and buildings visible to the public a) in appropriate colors or hues that minimize visual intrusion and contrast by blending with the landscape; b) such that those structures and buildings have surfaces that do not create glare; and c) such that they are consistent with local laws, ordinances, regulations, and standards.	At least 60 (sixty) days prior to ordering the first structures that are color treated during manufacture, the project owner shall submit its proposed treatment plan to the CPM for review and approval.	Prior to ordering first color treated structures	60								Not Started
VIS	3b			ACR	Prior to first turbine roll, the project owner shall treat all project structures and buildings visible to the public a) in appropriate colors or hues that minimize visual intrusion and contrast by blending with the landscape; b) such that those structures and buildings have surfaces that do not create glare; and c) such that they are consistent with local laws, ordinances, regulations, and standards.	The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.										Not Started
VIS	4				Prior to first turbine roll, the project owner shall design and install all permanent lighting such that a) light bulbs and reflectors are not visible from public viewing areas, b) lighting does not cause reflected glare, and c) illumination of the project, the vicinity, and the nighttime sky is minimized.	Prior to the first turbine roll, the project owner shall notify the CPM that the lighting is ready for inspection. If the CPM notifies the project owner that modifications to the lighting are needed, within thirty (30) days of receiving that notification the project owner shall implement the modifications.	Prior to first turbine roll and receiving notification	30								Not Started
VIS	6				The project owner shall design project signs using non-reflective materials and unobtrusive colors. The project owner shall ensure that signs comply with the applicable City of Hayward zoning requirements that relate to visual resources. The design of any signs required by safety regulations shall conform to the criteria established by those regulations.	At least sixty (60) days prior to installing signage, the project owner shall submit the plan to the CPM for review and approval.	Prior to installing signage	60								Not Started
VIS	8				The project owner shall reduce the RCEC cooling tower and HRSG visible vapor plumes by the noted methods.	At least 30 days prior to first turbine roll, the project owner shall provide to the CPM for review and approval the specifications for the automated control systems and related systems and sensors that would be used to ensure maximum plume abatement for the wet/dry cooling tower plume abatement systems.	Prior to first turbine roll	30								Not Started
VIS	9				Prior to commercial operation, the project owner shall install new trailside amenities in the Hayward Regional Shoreline that may include, benches, free-of-charge viewscopes, and an information kiosk and set of low panels for the display of interpretive information related to Mt. Diablo and other important elements of the regional setting.	Within twelve (12) months after the start of HRSG construction, the project owner shall submit a final design plan for the trailside amenities to the HARD for review and comment and to the CPM for review and approval.	After start of HRSG construction	12 mos								Not Started

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VIS	10b			ACR	Prior to the start of construction, the project owner shall prepare and implement an approved off-site landscaping plan. Consistent with Measure 3 of the Visual Mitigation Plan, the project owner shall install trees along the west side of the warehouse and industrial park complexes that line the eastern edge of the shoreline wetlands.	The project owner shall report landscape maintenance activities, including replacement of dead vegetation, for the previous year of operation in the Annual Compliance Report.										Not Started
VIS	11b			MCR	The project owner shall ensure that lighting for construction of the power plant is used in a manner that minimizes potential night lighting impacts.	The project owner shall report any lighting complaints and documentation of resolution in the Monthly Compliance Report, accompanied by any lighting complaint resolution forms for that month.										Ongoing
<b>WASTE MANAGEMENT</b>																
WASTE	1				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 ten (10) days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed.	Becoming aware of impending enforcement	10								Not Started
WASTE	2b				Prior to the start of both construction and operation, the project owner shall prepare and submit to the CEC CPM, for review and comment, a waste management plan for all wastes generated during construction and operation of the facility, respectively.	The Operation Waste Management Plan shall be submitted no less than thirty (30) days prior to the start of project operation for approval.	Prior to start of operation	30								Not Started
WASTE	2c			ACR	Prior to the start of both construction and operation, the project owner shall prepare and submit to the CEC CPM, for review and comment, a waste management plan for all wastes generated during construction and operation of the facility, respectively.	In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year and provide a comparison of the actual methods used to those proposed in the original Operation Waste Management Plan.										Not Started
WASTE	4				If potentially contaminated soil is unearthed during excavation at either the proposed site or linear facilities as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Registered Professional Engineer or Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and file a written report to the project owner and CPM stating the recommended course of action.	The project owner shall submit any reports filed by the Registered Professional Engineer or Geologist to the CPM within five (5) days of their receipt.	Receipt	5								Ongoing
WASTE	5				The project owner shall ensure that the ZLD salt cake is tested twice the first year of operation as per 22 CCR 66262.10 and report the findings to the CPM.	The project owner shall include the results of salt cake testing in annual report provided to the CPM. If two consecutive tests, taken six (6) months apart, show that the sludge is non-hazardous, the project owner may apply to the CPM to discontinue testing.										Not Started
WASTE	7			MCR	The project owner shall obtain a hazardous waste generator identification number from the Department of Toxic Substances Control prior to generating any hazardous waste.	The project owner shall keep its copy of the identification number on file at the project site and notify the CPM via the monthly compliance report of its receipt.										Ongoing

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WASTE	8b				The project owner shall prepare in consultation with the CEC, City of Hayward Fire Department and the RWQCB a groundwater sampling plan to be part of the Soils Management Plan submitted in WASTE-9.	At least thirty (30) days prior to the start of commercial operations, if the groundwater is found to be contaminated the project owner shall submit to the CPM documentation that the groundwater sampling report has been recorded as part of the environmental Restrictions required by WASTE-11.	Prior to start of commercial operations	30								Not Started
WASTE	11				Following completion of the merger and/or lot line adjustment(s) associated with Condition of Certification LAND -2, the project owner shall execute and record a deed for the project site, as identified in the Certificate of Merger and/or Notice of Lot Line Adjustment, with the City of Hayward Recorders Office, which shall include a map and detailed description identifying any easements, restrictions, and limitations on the use of the property, with regard to any hazardous materials, wastes, constituents, or substances remaining on-site following closure of the proposed power plant	The project owner shall provide copies of the deed and any attachments, with proof of recordation, and the Covenant and Environmental Restriction on Property, with proof of submittal, to the CPM, as part of the compliance package at least thirty (30) days prior to plant closure or sale of property.	Prior to start of plant closure	30								Not Started
WASTE	12				The project owner shall properly destroy groundwater monitoring wells not in use as required by Alameda County Public Works, the City of Hayward Fire Department, the San Francisco Bay Regional Water Quality Control Board, and the Alameda County Water District.	The project owner shall provide evidence to the CPM that the wells have been destroyed in accordance with Alameda County Public Works, the City of Hayward Fire Department, the San Francisco Bay Regional Water Quality Control Board, and the Alameda County Water District requirements.										Ongoing
<b>WORKER SAFETY AND FIRE PROTECTION</b>																
SAFETY	2				The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program.	At least thirty (30) days prior to the start of operation, the project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety & Health Program.	Prior to start of operation	30								Not Started
SAFETY	3b			MCR		The CSS shall submit in the Monthly Compliance Report a monthly safety inspection report the noted items.										Ongoing

- Start of geoarch work
- Start of site mobilization, clearing and grubbing
- Install equipment foundations
- Start underground piping
- Start of electrical construction
- Erect water treatment building
- Install circ water pumps
- Erect cooling tower
- Erect HRSG
- Install transmission line
- Install Field Erected Tanks
- Start of Commissioning
- Complete Construction
- Start Steam Blows
- Performance Testing Begins
- CTG First Fire
- Complete Performance Testing
- Plant Commercial Operation