

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

Monthly Compliance Report #7
February 1 – February 28, 2011

1. Project Construction Status

Production piling operation was the main focus at the jobsite this month. CBO approval of the HRSG pile design was received February 1, which kicked off the pile casting program. Subsequently, the CTG and STG pile designs have been approved. Production pile driving started on site February 18th with the first rig and the second rig started on February 23rd. Mass excavation and soil stabilization was essentially completed this month. Major progress was made on temporary power, sewer and water, and installation of site office trailers.

The focus for engineering this month has continued to be piling and foundation design along with routing of underground pipe and electrical commodities. Eighty three percent of the piles have been released to the subcontractor for casting. Foundation design for the boiler feed pump and combustion turbine mat were released. Underground piping design releases continued this month in support of the priority construction areas. Weekly coordination meetings continue to be held with major suppliers to address the technical design and CBO coordination.

The procurement and subcontracts teams awarded four purchase orders and subcontracts this month, including the ready mix concrete and switchyard. Key supplier meetings were held with Siemens on the Main Transformers and with Holtec on the Condenser. Next month, 10 additional purchase orders and subcontracts are planned to be awarded, including the DCS, low voltage load centers and transformers, and fuel gas treatment equipment. All equipment purchase orders for the major equipment remain on schedule.

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	N/A. There were no special inspectors approved during the reporting period	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 27 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 sanitary sewer lateral connection work along Depot Road during the reporting period.

8. Projection of compliance activities for March 2011 – April 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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Project Address: 3862 Depot Road, Hayward, CA 94545

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	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	GHES	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	GHES	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		8/12/110		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-
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	2/16/11		2/16/11	Approved
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	1/13/11 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	1/13/11 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	1/13/11 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	2/16/11		2/16/11	Approved
9	CIVIL-1	CIVIL-1 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-1 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-1 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	12/7/10 Superseded by Rev 2		9/21/10	Approved
12	CIVIL-1	CIVIL-1 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				

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

February 25, 2011

25483-000-G02-GGG-00009
REV 8

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	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
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		PROJECT SPECIFICATION FOR STEAM TURBINE EXTERNAL THERMAL INSULATION AND LAGGING		Plant Design	Q1, 2011								
16	CIVIL-1		25483-000-3PS-NX00-XXXXX		TECHNICAL SPECIFICATION FOR EXTERNAL COATING OF BURIED PIPELINES		Plant Design	Q1, 2011								
17	CIVIL-1		25483-000-3PS-PH06-XXXXX		TECHNICAL SPECIFICATION - FIELD DESIGN, FABRICATION AND INSTALLATION OF PIPE SUPPORTS		Plant Design	Q1, 2011								
18	CIVIL-1		25483-000-3PS-PS02-XXXXX		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	12/7/10 Superseded by Rev 1		11/1/10	Approved - Superseded by Rev 1
21	CIVIL-1	CIVIL-1 P0K01 (REV2) (110215)	25483-000-C2-0000-00002	J	CONSTRUCTION FACILITIES LAYOUT	Drawing REFERENCE DOCUMENT	Civil		02/15/11		GAKG-00198	2/17/11	2/17/11		2/17/11	Approved - Sealed Doc submitted as a referenced doc
22	CIVIL-1	CIVIL-1 P0K01 (REV1) (110203)	25483-000-C2-0000-00002	J	CONSTRUCTION FACILITIES LAYOUT	Drawing REFERENCE DOCUMENT	Civil		02/03/11		GAKG-00178	2/8/11	2/15/11 Superseded by REV2			Verbal comment by Lowell Brown to Kevin Kidd for one doc in pkg from William Scotsman revised. Resubmit without CBO returning comment response
23	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 Superseded by REV 1			CBO Comment Response zipped with document in IW (doc submitted for reference with new documents)
24	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	8/27/10 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)
25	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)
26	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	8/2/10 Superseded by Rev 1		Superseded	Superseded by Rev 1 - Sent Rev 0 to CBO on 7/20 and again 8/02
27	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
28	CIVIL-1		25483-000-CD-0100-00001		STORM WATER DRAINAGE PLAN		Civil	3/30/11								
29	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

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February 25, 2011

25483-000-G02-GGG-00009
REV 8

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	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
30	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	8/16/10 Superseded by REV 5	8/24/10	8/27/10	Bechtel Response to Plan Check Comments (8-24-10) Approved
31	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	8/23/10 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)
32	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	8/2/10 Superseded by REV 1		Superseded	Superseded by Rev 1
33	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
34	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	8/16/10 Superseded by REV 5	8/24/10	8/27/10	Approved
35	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	8/23/10 Superseded by REV 2		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)
36	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	8/2/10 Superseded by REV 1		Superseded	Superseded by Rev 1
37	CIVIL-1	CIVIL-1 CE01 (REV5) (100917)	25483-000-CG-0100-00003	5	ROUGH GRADING PLAN (PHASE 2)	Drawing	Civil		09/17/10	RK	GAKG-00022	9/22/10	9/21/10		9/21/10	Approved
38	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	8/16/10 Superseded by Rev 5	8/24/10	8/27/10	Approved
39	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	8/23/10 Superseded by REV 2		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)
40	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	8/2/10 Superseded by REV 1		Superseded	
41	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
42	CIVIL-1	CIVIL-1 CE01 (REV5) (100917)	25483-000-CG-0190-00001	5	ROUGH GRADING DETAILS, SHEET 1	Drawing	Civil		09/17/10	RK	GAKG-00022	9/22/10	9/21/10		9/21/10	Approved
43	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	8/16/10 Superseded by Rev 5	8/24/10	8/27/10	Approved
44	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	8/23/10 Superseded by REV 2		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)
45	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	8/20/10 Superseded by REV 1		Superseded	

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46	CIVIL-1	CIVIL-1 CE01 (REV5) (100917)	25483-000-CG-0190-00002	6	ROUGH GRADING DETAILS, SHEET 2	Drawing	Civil		09/17/10	RK	GAKG-00022	9/22/10	9/21/10		9/21/10	Approved
47	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
48	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	8/23/10 Superseded by REV 2		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)
49	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	8/2/10 Superseded by ReEV1			
50	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
51	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
52	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
53	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
54	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
55	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
56	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
57	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
58	CIVIL-1		25483-000-CPR-GCE-00001		PILE LOAD TEST REPORT - GEOTECHNICAL & HYDRAULIC ENGINEERING SERVICES		Civil	12/15/10								
59	CIVIL-1		25483-000-CS-0010-00001		FINISH GRADNG PLAN	Grading Plan	Civil	4/30/11								
60	CIVIL-1		25483-000-CS-0010-00002		FINISH PAVING PLAN	Paving Plan	Civil	4/30/11								
61	CIVIL-1		25483-000-CS-0090-00002		FINISH GRADING SECTIONS AND DETAILS	Grading Sections & Details	Civil	4/30/11								
62	CIVIL-1		25483-000-CS-0090-00003		FINISH GRADING SECTIONS AND DETAILS	Grading Sections & Details	Civil	4/30/11								
63	CIVIL-1		25483-000-CS-0200-00001		MAIN ACCESS ROAD PLAN AND PROFILE		Civil	4/30/11								
64	CIVIL-1		25483-000-DO-0000-00001		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 1		Civil	10/21/10								

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Bechtel Job 25483

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65	CIVIL-1		25483-000-D0-0000-00002		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 2		Civil	10/21/10								
66	CIVIL-1		25483-000-D0-0000-00003		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 3		Civil	10/21/10								
67	CIVIL-1		25483-000-D0-0000-00004		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 4		Civil	10/21/10								
68	CIVIL-1	CIVIL-1 P0K01 (REV2) (110215)	25483-000-E1-UA00-00001	5	CONSTRUCTION TEMPORARY POWER LAYOUT & SINGLE LINE	Drawing REFERENCE DOCUMENT	Electrical		02/15/11		GAKG-00198	2/17/11	2/17/11		2/17/11	Approved - Sealed Doc submitted as a referenced doc
69	CIVIL-1	CIVIL-1 P0K01 (REV1) (110203)	25483-000-E1-UA00-00001	5	CONSTRUCTION TEMPORARY POWER LAYOUT & SINGLE LINE	Drawing REFERENCE DOCUMENT	Electrical		02/03/11		GAKG-00178	2/8/11	1/28/11 Superseded by REV1			
70	CIVIL-1	CIVIL-1 P0K01 (REV2) (110215)	25483-000-ELK-0000-00001	B	CONSTRUCTION FACILITIES TEMPORARY LIGHTING PLAN	Drawing REFERENCE DOCUMENT	Electrical		02/15/11		GAKG-00198	2/17/11	2/17/11		2/17/11	Approved - Sealed Doc Sealed Doc submitted as a referenced doc
71	CIVIL-1	CIVIL-1 P0K01 (REV1) (110203)	25483-000-ELK-0000-00001	B	CONSTRUCTION FACILITIES TEMPORARY LIGHTING PLAN	Drawing REFERENCE DOCUMENT	Electrical		02/03/11		GAKG-00178	2/8/11	1/28/11 Superseded by REV1			
72	CIVIL-1		25483-000-G27-GEK-00002	A	ENGINEERING GEOLOGY REPORT		Civil	08/10/10								
73	CIVIL-1	CIVIL-1 P0K01 (REV1) (110203)	25483-000-G27-GEC-00002	0	TEMPORARY SEWER EJECTION PUMP - TRIPLE D	REFERENCE DOCUMENT	Civil		02/03/11		GAKG-00178	2/8/11				
74	CIVIL-1	CIVIL1-GEO1 (REV3) (110114)	25483-000-KOC-0000-00003	0	LIQUEFACTION POTENTIAL AND DYNAMIC SETTLEMENT CALCULATION	Calculation	Civil		01/14/11	DG	GAKG-00125	2/4/11	2/16/11		2/16/11	Approved
75	CIVIL-1	CIVIL1-GEO1 (REV2) (110106)	25483-000-KOC-0000-00003	0	LIQUEFACTION POTENTIAL AND DYNAMIC SETTLEMENT CALCULATION	Calculation	Civil		1/6/11		GAKG-00125	1/27/11	1/6/11 Superseded by REV 3	1/14/11		CBO Requesting this Calc to be sealed w/blank area for
76	CIVIL-1	CIVIL-1 GEO1 (REV1) (110103)	25483-000-KOC-0000-00003	0	LIQUEFACTION POTENTIAL AND DYNAMIC SETTLEMENT CALCULATION	Calculation	Civil		1/3/11	MW	GAKG-00125	1/24/11	1/3/11 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)
77	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
78	CIVIL-1	CIVIL-1 GE05 (REV0) (110210)	25483-000-KOC-0000-00007	0	DEEP FOUNDATIONS - LOAD TEST RESULTS	GHEs - Calculation	Civil		02/10/11	DG	GAKG-00190	2/17/11	2/18/11		2/18/11	Approved
79	CIVIL-1		25483-000-K0C-7400-00001		STORM WATER MANAGEMENT BASIN SIZING CALCULATION		Civil	Q3, 2010								
80	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
81	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	8/23/10 Superseded by REV 2		Superseded	
82	CIVIL-1		25483-000-K0C-7400-00003		STORM DRAIN SYSTEM DESIGN		Civil	4/30/10								
83	CIVIL-1		25483-000-P0-		EMBEDDED AND UNDERGROUND PIPING - GENERAL NOTES AND STANDARD DETAILS		Plant Design	Q1, 2011								

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84	CIVIL-1	CIVIL-1 P0K01 (REV2) (110215)	25483-000-P0K-0000-00001	C	CONSTRUCTION FACILITY PLOT PLAN	Drawing REFERENCE DOCUMENT	Plant Design		02/15/11		GAKG-00198	2/17/11	2/17/11		2/17/11	Approved - Sealed Doc Sealed Doc submitted as a referenced doc
85	CIVIL-1	CIVIL-1 P0K01 (REV1) (110202)	25483-000-P0K-0000-00001	C	CONSTRUCTION FACILITY PLOT PLAN	Drawing REFERENCE DOCUMENT	Plant Design		02/03/11		GAKG-00178	2/8/11	2/14/11 Superseded by REV2			Verbal comment by Lowell Brown to Kevin Kidd for one doc in pkg from William Scotsman revised. Resubmit without CBO returning comment response
86	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 Superseded by REV 1			CBO Comment Response zipped with document in IW
87	CIVIL-1	CIVIL-1 P0K01 (REV2) (110215)	25483-000-P0K-0000-00003	B	CONSTRUCTION FACILITY POTABLE WATER & WASTEWATER PLAN	Drawing REFERENCE DOCUMENT	Plant Design		02/15/11		GAKG-00198	2/8/11	2/17/11		2/17/11	Approved - Sealed Doc submitted as a referenced doc
88	CIVIL-1	CIVIL-1 P0K01 (REV1) (110202)	25483-000-P0K-0000-00003	B	CONSTRUCTION FACILITY POTABLE WATER & WASTEWATER PLAN	Drawing REFERENCE DOCUMENT	Plant Design		02/03/11		GAKG-00178	2/8/11	2/14/11 Superseded by REV2			Verbal comment by Lowell Brown to Kevin Kidd for one doc in pkg from William Scotsman revised. Resubmit without CBO returning comment response
89	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 Superseded by REV 1			CBO Comment Response zipped with document in IW
90	CIVIL-1	CIVIL-1 P0K01 (REV2) (110215)	25483-000-P0K-0000-00004	A	CONSTRUCTION FACILITY STAIR & HANDICAP RAMP DETAILS	Drawing REFERENCE DOCUMENT	Plant Design		02/15/11		GAKG-00198	2/8/11	2/17/11		2/17/11	Approved - Sealed Doc submitted as a referenced doc
91	CIVIL-1	CIVIL-1 P0K01 (REV1) (110202)	25483-000-P0K-0000-00004	A	CONSTRUCTION FACILITY STAIR & HANDICAP RAMP DETAILS	Drawing REFERENCE DOCUMENT	Plant Design		02/03/11		GAKG-00178	2/8/11	2/14/11 Superseded by REV2			Verbal comment by Lowell Brown to Kevin Kidd for one doc in pkg from William Scotsman revised. Resubmit without CBO returning comment response
92	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
93	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				
94	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				
95	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
96	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
97	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
98	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT WATER TREATMENT AREA PLAN AT GRADE AND ABOVE		Plant Design	Q4, 2010								
99	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, ADMINISTRATION / WAREHOUSE BLDG. AREA PLAN AT GRADE AND ABOVE		Plant Design	Q4, 2010								
100	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, GAS METERING AND COMPRESSOR AREA PLAN AT GRADE AND ABOVE		Plant Design	Q4, 2010								

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101	CIVIL-1		25483-000-P30-AB-XXXXX		LARGE BORE PIPING ISOMETRIC - MAIN STEAM SYSTEM (SAMPLE ISOMETRICS)		Plant Design	Q1, 2011								
102	CIVIL-1		25483-000-P30-AE-XXXXX		LARGE BORE PIPING ISOMETRIC - BOILER FEED WATER SYSTEM (SAMPLE ISOMETRICS)		Plant Design	Q1, 2011								
103	CIVIL-1		25483-000-P30-PW-XXXXX		LARGE BORE PIPING ISOMETRIC - POTABLE WATER SYSTEM		Plant Design	Q1, 2011								
104	CIVIL-1		25483-000-P30-XN-XXXXX		LARGE BORE PIPING ISOMETRIC - SANITARY DRAINS		Plant Design	Q1, 2011								
105	CIVIL-1		25483-000-P30-XW-XXXXX		LARGE BORE PIPING ISOMETRIC - WASTEWATER SYSTEM		Plant Design	Q1, 2011								
106	CIVIL-1		25483-000-P4-		UNDERGROUND PIPING COMPOSITE - FIRE PROTECTION SYSTEM		Plant Design	Q1, 2011								
107	CIVIL-1		25483-000-P6C-AB-XXXXX		STRESS CALCULATION FOR MAIN STEAM SYSTEM (SAMPLE)		Plant Design	Q1, 2011								
108	CIVIL-1		25483-000-P6C-AE-XXXXX		STRESS CALCULATION FOR BOILER FEED WATER (SAMPLE)		Plant Design	Q1, 2011								
109	CIVIL-1		25483-000-PHC-AB-XXXXX		PIPE SUPPORT DESIGN CALCULATIONS - MAIN STEAM SYSTEM (SAMPLE)		Plant Design	Q1, 2011								
110	CIVIL-1		25483-000-PHC-AE-XXXXX		PIPE SUPPORT DESIGN CALCULATIONS - BOILER FEED WATER SYSTEM (SAMPLE)		Plant Design	Q1, 2011								
111	CIVIL-1		25483-000-PHJ-PH01-XXXXX		SMALL BORE NON-ANALYZED PIPE HANGERS AND SUPPORT NOTES, SYMBOLS AND DETAILS		Plant Design	Q1, 2011								
112	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
113	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
114	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
115	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
116	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
117	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

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118	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
119	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
120	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
121	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
122	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
123	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
124	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
125	ELEC-1		25483-000-3DR-E001-00001		ELECTRICAL DESIGN CRITERIA		Electrical	Q3, 2010								
126	ELEC-1		25483-000-E0C-ES01-00001		LOAD FLOW AND SHORT CIRCUIT CALCULATION		Electrical	Q4, 2010								
127	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
128	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
129	ELEC-1		25483-000-E0C-EW01-00001		CABLE SIZING UNDERGROUND		Electrical	Q4, 2010								
130	ELEC-1		25483-000-E0C-EW01-00002		CABLE SIZING ABOVEGROUND		Electrical	Q4, 2010								
131	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
132	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	12/15/10 Superseded by Rev 2		10/19/10	Approved

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133	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	10/18/10 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). Superseded by Rev 1 (10/18/10)
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	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
142	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
143	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
144	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	2/7/11		2/7/11	Approved
145	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	2/7/11		2/7/11	Approved
146	ELEC-1	ELEC-1 0006 (REV1) (101119)	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
147	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	12/7/10 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)

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25483-000-G02-GGG-00009
REV 8

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	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
148	ELEC-1		25483-001-E3-1401-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- UNIT 1 CTG AREA		Electrical	Q3, 2011								
149	ELEC-1		25483-002-E3-1401-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- UNIT 2 CTG AREA		Electrical	Q3, 2011								
150	ELEC-1		25483-002-E3-6101-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- GAS COMPRESSOR AREA		Electrical	Q3, 2011								
151	ELEC-1		25483-000-E4-3211-00001		ELECTRICAL EQUIPMENT LOCATION MAIN SWITCHGEAR BUILDING		Electrical	Q1, 2011								
152	ELEC-1		25483-000-E4-7211-00001		ELECTRICAL EQUIPMENT LOCATION COOLING TOWER SWITCHGEAR BUILDING		Electrical	Q1, 2011								
153	ELEC-1		25483-000-E8-0001-00001		ELECTRICAL LOAD LIST		Electrical	Q3, 2011								
154	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
155	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
156	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
157	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
158	ELEC-1		25483-000-EG-2001-00001		GROUNDING PLAN - STEAM TURBINE AND DEMIN AREA		Electrical	Q4, 2010								
159	ELEC-1		25483-000-EG-3201-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- MAIN SWGR BUILDING		Electrical	Q1, 2011								
160	ELEC-1		25483-000-EG-7101-00001		GROUNDING PLAN- WATER TREATMENT AREA		Electrical	Q1, 2011								
161	ELEC-1		25483-000-EG-7102-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- TITLE 22 WATER TREATMENT AREA		Electrical	Q1, 2011								
162	ELEC-1		25483-000-EG-7201-00001		GROUNDING AND LIGHTNING PROTECTION PLAN COOLING TOWER AREA SHEET 1		Electrical	Q4, 2010								
163	ELEC-1		25483-000-EG-7201-00002		GROUNDING AND LIGHTNING PROTECTION PLAN COOLING TOWER AREA SHEET 2		Electrical	Q1, 2011								
164	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
165	ELEC-1		25483-000-EGC-EG01-00001		SYSTEM GROUND GRID CALCULATION		Electrical	Q4, 2010								
166	ELEC-1		25483-000-EGJ-00001-00001		GROUNDING NOTES SYMBOLS AND DETAILS		Electrical	Q3, 2010								
167	ELEC-1		25483-000-ELC-EL01-00001		LIGHTING ENERGY CALCULATIONS		Electrical	Q4, 2011								
168	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

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Bechtel Job 25483

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169	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	12/7/10 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)
170	ELEC-1		25483-000-EMC-EM01-00001		SETTINGS OF PROTECTIVE RELAYS ON 4.16KV SWITCHGEAR INCOMER, TIE AND TRANSFORMER FEEDERS		Electrical	Q1, 2012								
171	ELEC-1		25483-000-EMC-EM01-00002		SETTINGS OF PROTECTIVE RELAYS ON 4.16KV SWITCHGEAR MOTOR FEEDERS		Electrical	Q1, 2012								
172	ELEC-1		25483-000-EMC-EM01-00003		SETTINGS OF PROTECTIVE RELAYS ON 480V LOAD CENTERS		Electrical	Q1, 2012								
173	ELEC-1		25483-000-EMC-EM01-00004		SETTINGS OF PROTECTIVE RELAYS FOR CTG		Electrical	Q2, 2012								
174	ELEC-1		25483-000-EMC-EM01-00005		SETTINGS OF PROTECTIVE RELAYS FOR STG		Electrical	Q2, 2012								
175	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								
176	ELEC-1		25483-001-EG-1101-00001		GROUNDING PLAN- UNIT 1 HRSG AREA		Electrical	Q4, 2010								
177	ELEC-1		25483-001-EG-1401-00001		GROUNDING PLAN - UNIT 1 COMBUSTION TURBINE		Electrical	Q4, 2010								
178	ELEC-1		25483-001-EG-3301-00001		GROUNDING PLAN- UNIT 1 MAIN TRANSFORMER AREA		Electrical	Q1, 2011								
179	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	2/10/11		2/10/11	Approved
180	ELEC-1		25483-002-EG-1401-00001		GROUNDING PLAN - UNIT 2 COMBUSTION TURBINE		Electrical	Q4, 2010								
181	ELEC-1		25483-002-EG-3301-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- UNIT 2 MAIN TRANSFORMER AREA		Electrical	Q1, 2011								
182	ELEC-1		25483-001-EG-1101-00002		LIGHTNING PROTECTION PLAN - UNIT 1 HRSG AREA		Electrical	Q4,2010								
183	ELEC-1		25483-001-EG-1401-00002		LIGHTNING PROTECTION PLAN - UNIT 1 COMBUSTION TURBINE		Electrical	Q4,2010								
184	ELEC-1		25483-002-EG-1101-00002		LIGHTNING PROTECTION PLAN- UNIT 2 HRSG AREA		Electrical	Q4,2010								
185	ELEC-1		25483-002-EG-1401-00002		LIGHTNING PROTECTION PLAN - UNIT 2 COMBUSTION TURBINE		Electrical	Q4,2010								
186	ELEC-1		25483-000-EG-2001-00002		LIGHTNING PROTECTION PLAN - STEAM TURBINE AND DEMIN AREA		Electrical	Q4,2010								
187	ELEC-1		25483-000-EG-7101-00002		LIGHTNING PROTECTION PLAN- WATER TREATMENT AREA		Electrical	Q1,2011								
188	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
189	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

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25483-000-G02-GGG-00009
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190	ELEC-1	ELEC-1 0012 (REV0) (110223)	25483-003-E1-EY-00001	0	Single Line Meter and Relay Diagram STG Generator and GSU Transformer	Drawing	Electrical		2/23/11	KC	GAKG-00213	3/16/11				
191	GEN-2	GEN-2 0001 (REV1) (100727)	25483-000-G27-GECC-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)
192	GEN-2		25483-000-3PS-CS01-00001		PAVING, BITUMINOUS, ROADS AND PARKING AREAS		Civil	4/30/11								
193	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
194	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
195	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 Superseded by REV1	11/16/10		Comments - zipped with document in IW 10/21/10
196	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
197	GEN-2		LIST		BECHTEL CBO SUBMITTAL LIST	Submittal List	PE	6/14/10	7/2/10							
198	GEN-2		LIST		PROPOSED LIST OF DOCUMENTS FOR THE CTG EQUIPMENT FOR SIEMENS WESTINGHOUSE		PE	Q3, 2011								
199	GEN-2		LIST		PROPOSED LIST OF DOCUMENTS FOR THE STG EQUIPMENT FOR GENERAL ELECTRIC		PE	Q3, 2011								
200	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
201	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
202	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
203	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
204	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
205	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
206	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
207	GEN-5	GEN-5 HPP01 (REV1) (110207)	25483-000-GPE-GXA-00046	1	RESUME FOR HUGH MARTIN - HANSON	Resume	Civil		2/7/11		GAKG-00186	2/28/11	02/22/11			CBO comments zipped with doc in IW - distrib to RE & uploaded to eRoom for Hanson's retrieval
208	GEN-5	GEN-5 HPP01 (REV0) (110119)	25483-000-GPE-GXA-00046	0	RESUME FOR HUGH MARTIN - HANSON	Resume	Civil		01/19/11		GAKG-00157	2/9/11	01/26/11			CBO comments zipped with doc in IW & distrib to RE

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209	GEN-5	GEN-5 0004 (REV1) (110202)	25483-000-GPE-GXA-00051	1	RESUME FOR AJAY MALHOTRA (WILL BE SEALING CIVIL/STRUCTURAL ENGINEER)	Resume	Civil		02/02/11		GAKG-00177	2/8/11	02/10/11		02/10/11	Approved
210	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	2/2/11 Superseded by REV1	2/2/11		CBO Comment Response zipped with document in IW
	GEN-5	GEN-5 TW01 (REV1) (110225)	25483-000-GPE-GXA-00052	1	ISAO KAWASAKI - RESUME	Resume	PE		2/25/11		GAKG-00219	3/18/11				
	GEN-5	GEN-5 TW01 (REV0) (110217)	25483-000-GPE-GXA-00052	0	ISAO KAWASAKI - RESUME	Resume	PE		2/17/11		GAKG-00206	3/10/11	2/23/11 Superseded by REV1	2/25/11		CBO Comment Response zipped with document in IW
211	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
212	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
213	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
214	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
215	GEN-6	GEN-6 SY01 (REV0) (101003)	25483-000-GPE-GXA-00016	0	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
216	GEN-5	GEN-5 FCI01 (REV0) (101026)	25483-000-GPE-GXA-00020	0	Prestressed Concrete Pile RPE Resume for Jerry Luczenczyn - Foundation Constructors	Resume	CIVIL		10/26/10		GAKG-00051	11/9/10			11/17/2010	Rejected - Signature is Invalid - Resubmit with Valid Signature (Electronic) Resubmitted after uploading electronic signature info - STRUC1-FCI01 (REV0) (101026) Resubmitted with correct public key CBO Comments - Missing Signature Box 11/17/2010 11/17/2010 Approved
217	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00025	1	Special Inspector - Treadwell and Rollo - Lori Simpson	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
218	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00025	0	Special Inspector - Treadwell and Rollo - Lori Simpson	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
219	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00026	1	Special Inspector - Treadwell and Rollo - Christian Divis	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
220	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00026	0	Special Inspector - Treadwell and Rollo - Christian Divis	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
221	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00027	1	Special Inspector - Treadwell and Rollo - Kristen Lease	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
222	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00027	0	Special Inspector - Treadwell and Rollo - Kristen Lease	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11

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25483-000-G02-GGG-00009
REV 8

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	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
223	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00028	1	Special Inspector - Treadwell and Rollo - Nathan Sherwood	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 2/11/11
224	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00028	0	Special Inspector - Treadwell and Rollo - Nathan Sherwood	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 1/4/11
225	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00029	1	Special Inspector - Treadwell and Rollo - Rachael Severn	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 2/11/11
226	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00029	0	Special Inspector - Treadwell and Rollo - Rachael Severn	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 1/4/11
227	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00030	1	Special Inspector - Treadwell and Rollo - Roman Nelson	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 2/11/11
228	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00030	0	Special Inspector - Treadwell and Rollo - Roman Nelson	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 1/4/11
229	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00031	1	Special Inspector - Treadwell and Rollo - Ronald Reindl	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 2/11/11
230	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00031	0	Special Inspector - Treadwell and Rollo - Ronald Reindl	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 1/4/11
231	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00032	1	Special Inspector - Treadwell and Rollo - Sara Magallon	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 2/11/11
232	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00032	0	Special Inspector - Treadwell and Rollo - Sara Magallon	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 1/4/11
233	GEN-6	GEN-6 FCI01 (REV1) (110128)	25483-000-GPE-GXA-00033	1	Special Inspector - Treadwell and Rollo - Steven Wolfe	Special Inspector Resume	CIVIL		01/28/11		GAKG-00172	2/18/11	2/10/11			CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 2/11/11
234	GEN-6	GEN-6 FCI01 (REV0) (101208)	25483-000-GPE-GXA-00033	0	Special Inspector - Treadwell and Rollo - Steven Wolfe	Special Inspector Resume	CIVIL		12/08/10		GAKG-00099	12/29/10	1/28/11 Superseded by REV1	1/28/2011		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation File 1/4/11
235	GEN-5	GEN-5 GE01 (REV1) (110111)	25483-000-GPE-GXA-00035	0	CHRIS S. WARNER - RESUME	Resume	Mechanical		01/11/11		GAKG-00137	2/1/11	1/26/11		01/26/11	Approved
236	GEN-6	GEN-6 SY02 (REV0) (110114)	25483-000-GPE-GXA-00037	0	SIGNET INSPECTOR QUALIFICATION MATRIX	Special Inspector - Resume	PE		01/14/11		GAKG-00148	2/4/11	01/25/11			CBO Comments zipped with doc in IW and distributed
237	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		01/14/11		GAKG-00148	2/4/11	01/25/11			CBO Comments zipped with doc in IW and distributed
238	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		01/14/11		GAKG-00148	2/4/11	01/25/11			CBO Comments zipped with doc in IW and distributed
239	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		01/14/11		GAKG-00148	2/4/11	01/25/11			CBO Comments zipped with doc in IW and distributed
240	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		01/14/11		GAKG-00148	2/4/11	01/25/11			CBO Comments zipped with doc in IW and distributed

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241	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		01/14/11		GAKG-00148	2/4/11	01/25/11			CBO Comments zipped with doc in IW and distributed
242	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		01/14/11		GAKG-00148	2/4/11	01/25/11			CBO Comments zipped with doc in IW and distributed
243	GEN-6	GEN-6 SY03 (REV0) (110114)	25483-000-GPE-GXA-00044	0	SPECIAL INSPECTOR (BECHTEL) - JESSICA BARRON - RESUME	Special Inspector - Resume	PE		01/14/11		GAKG-00148	2/4/11	01/26/11			CBO Comments zipped with doc in IW and distributed
244	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		01/19/11		GAKG-00156	2/9/11	01/26/11			CBO Comments zipped with doc in IW and distributed
245	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	2/16/11	01/28/11		01/28/11	Approved
246	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	2/16/11	01/28/11		01/28/11	Approved
247	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	2/16/11	01/28/11		01/28/11	Approved
248	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	2/16/11	01/28/11		01/28/11	Approved
249	MECH-1		25483-000-3DR-M10-00001		MECHANICAL DESIGN CRITERIA		Mechanical	Q4, 2010								
250	MECH-1	MECH-1 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	2/15/11	2/18/11			CBO response recd 2/18/11 zipped with doc in IW Included along w/document Response to Plan Check Comments, Rev A of Fire Protection Hazards Evaluation Plan doc, 4 Atmts:25483-000-P1-0090-00001, 25483-000-P1-0090-00001, 25483-000-P1-0090-00001, 25483-000-A2-8190-00001
251	MECH-1	MECH-1 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	10/26/10 Superseded by REV1	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
252	MECH-1	MECH-1 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
253	MECH-1	MECH-1 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	10/15/10 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
254	MECH-1	MECH-1 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
255	MECH-1	MECH-1 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	10/15/10 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
256	MECH-1	MECH-1 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
257	MECH-1	MECH-1 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	10/15/10 Superseded by REV 1		10/15/10	Reviewed for Referenced Only

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258	MECH-1	MECH-1 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
259	MECH-1	MECH-1 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
260	MECH-1	MECH-1 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
261	MECH-1	MECH-1 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	10/15/10 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
262	MECH-1	MECH-1 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
263	MECH-1	MECH-1 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	10/15/10 Superseded by REV 1		10/15/10	Reviewed for Referenced Only
264	MECH-1	MECH-1 0001 (REV0) (100907) MECH-1 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
265	MECH-1	MECH-1 0001 (REV0) (100907) MECH-1 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
266	MECH-1	MECH-1 0001 (REV0) (100907) MECH-1 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
267	MECH-1	MECH-1 0001 (REV0) (100907) MECH-1 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
268	MECH-1	MECH-1 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
269	MECH-1	MECH-1 0001 (REV0) (100907) MECH-1 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	<input type="checkbox"/> 11/25/10	11/19/10 Superseded by REV 1		11/19/10	Reviewed for Referenced Only
270	MECH-1	MECH-1 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
271	MECH-1	MECH-1 0001 (REV0) (100907) MECH-1 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	<input type="checkbox"/> 11/25/10	11/19/10 Superseded by REV 1		11/19/10	Reviewed for Referenced Only
272	MECH-1	MECH-1 0015 (REV2) (110203)	25483-000-M6-AG-00001	1	P&ID - Unit-1 Combustion Turbine System	P&ID REFERENCE DOCUMENT	Mechanical		02/03/11		GAKG-00180	2/23/11	2/18/11		2/18/11	Approved
273	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 Superseded by REV2		1/21/11	Reviewed for Referenced Only
274	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	1/10/11 Superseded by REV 1		1/10/11	Reviewed for Referenced Only

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275	MECH-1	MECH-1 0015 (REV2) (110203)	25483-000-M6-AG-00002	1	P&ID - Unit-1 Combustion Turbine System	P&ID REFERENCE DOCUMENT	Mechanical		02/03/11		GAKG-00180	2/23/11	2/18/11		2/18/11	Approved
276	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 Superseded by REV2		1/21/11	Reviewed for Referenced Only
277	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
278	MECH-1	MECH-1 0015 (REV2) (110203)	25483-000-M6-AG-00003	1	P&ID - Unit-2 Combustion Turbine System	P&ID REFERENCE DOCUMENT	Mechanical		02/03/11		GAKG-00180	2/23/11	2/18/11		2/18/11	Approved
279	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	1/21/11 Superseded by REV2		1/21/11	Reviewed for Referenced Only
280	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	1/10/11 Superseded by REV 1		1/10/11	Reviewed for Referenced Only
281	MECH-1	MECH-1 0015 (REV2) (110203)	25483-000-M6-AG-00004	1	P&ID - Unit-2 Combustion Turbine System	P&ID REFERENCE DOCUMENT	Mechanical		02/03/11		GAKG-00180	2/23/11	2/18/11		2/18/11	Approved
282	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	1/21/11 Superseded by REV2		1/21/11	Reviewed for Referenced Only
283	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	1/10/11 Superseded by REV 1		1/10/11	Reviewed for Referenced Only
284	MECH-1	MECH-1 0002 (REV1) (110211)	25483-000-M6-FG-00001	1	PID - Natural Gas System	P&ID REFERENCE DOCUMENT	Mechanical		02/11/11		GAKG-00194	3/4/11				
285	MECH-1	MECH-1 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 Superseded by REV1		10/14/10	Reviewed for Referenced Only
286	MECH-1	MECH-1 0002 (REV1) (110211)	25483-000-M6-FG-00002	0	PID - Natural Gas System	P&ID REFERENCE DOCUMENT	Mechanical		02/11/11		GAKG-00194	3/4/11				
287	MECH-1	MECH-1 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	10/14/2010 Superseded by REV1		10/14/10	Reviewed for Referenced Only
288	MECH-1	MECH-1 0002 (REV1) (110211)	25483-000-M6-FG-00003	0	PID - Natural Gas System	P&ID REFERENCE DOCUMENT	Mechanical		02/11/11		GAKG-00194	3/4/11				
289	MECH-1	MECH-1 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 Superseded by REV1		10/14/10	Reviewed for Referenced Only
290	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	1/28/11			CBO Comments zipped with dwg in IW
291	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

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

February 25, 2011

25483-000-G02-GGG-00009
REV 8

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	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
292	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	1/28/11			CBO Comments zipped with dwg in IW
293	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
294	MECH-1	MECH-1 0003 (REV2) (110127)	25483-000-M6-PF-00001	0	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		01/27/11	CL	GAKG-00153	2/17/11	2/15/11			Comment sheet included in zip file of P&ID
295	MECH-1	MECH-1 0003 (REV1) (110114)	25483-000-M6-PF-00001	C	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		Superseded by Rev 2 1/27/11	CL	GAKG-00032	1/14/11	1/19/11 Superseded by REV 2			Resubmitted Under REV2 REJECTED due to invalid public key for Christopher Loy
296	MECH-1	MECH-1 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	CL	GAKG-00032	10/12/10	10/14/10 Superseded by REV 1			Comment sheet included in zip file of P&ID
297	MECH-1	MECH-1 0003 (REV2) (110127)	25483-000-M6-PF-00002	0	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		01/27/11	CL	GAKG-00153	2/17/11	2/15/11			Comment sheet included in zip file of P&ID
298	MECH-1	MECH-1 0003 (REV1) (110114)	25483-000-M6-PF-00002	C	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		Superseded by Rev 2 1/27/11	CL	GAKG-00032	1/14/11	1/19/11 Superseded by REV 2			Resubmitted Under REV2 REJECTED due to invalid public key for Christopher Loy
299	MECH-1	MECH-1 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	CL	GAKG-00032	10/12/10	10/14/10 Superseded by REV 1			Comment sheet included in zip file of P&ID
300	MECH-1	MECH-1 0003 (REV2) (110127)	25483-000-M6-PF-00003	0	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		01/27/11	CL	GAKG-00153	2/17/11	2/15/11			Comment sheet included in zip file of P&ID
301	MECH-1	MECH-1 0003 (REV1) (110114)	25483-000-M6-PF-00003	A	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		Superseded by Rev 2 1/27/11	CL	GAKG-00032	1/14/11	1/19/11 Superseded by REV 2			Resubmitted Under REV2 REJECTED due to invalid public key for Christopher Loy
302	MECH-1	MECH-1 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	CL	GAKG-00032	10/12/10	10/14/10 Superseded by REV 1			Comment sheet included in zip file of P&ID
303	MECH-1	MECH-1 0009 (REV3) (110216)	25483-000-M6-PW-00001	1	P&ID Potable WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		02/16/11		GAKG-00199	3/9/11				
304	MECH-1	MECH-1 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	12/28/10			CBO Comments for drawing Rev0 zipped with doc in IW
305	MECH-1	MECH-1 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	1/21/11		1/20/11	Reviewed for Reference Only Response to Plan Check Comments Submitted to CBO 12/20/10
306	MECH-1	MECH-1 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	11/17/10 Superseded by REV 2	12/20/10		CBO Comment sheet included in zip file of P&ID. Revision 0 of drawing Submitted 12/8/10 before REV A Approved - Superseded by Rev 2
307	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	1/28/11			CBO Comments zipped with dwg in IW
308	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	1/28/11			CBO Comments zipped with dwg in IW
309	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

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February 25, 2011

25483-000-G02-GGG-00009
REV 8

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	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
310	MECH-1	MECH-1 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	11/8/10 Superseded by REV 1		11/8/10	Reviewed for Referenced Only - Superseded by Rev 1
311	MECH-1	MECH-1 0014 (REV1) (110204)	25483-000-M6-SL-00001	0	P&ID STEAM SEAL SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		02/04/11		GAKG-00184	2/25/11	2/23/11		2/23/11	Reviewed for Referenced Only
312	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 Superseded by REV 1			Comment sheet included in zip file of P&ID
313	MECH-1	MECH-1 0007A (REV2) (110208)	25483-000-M6-TW-00001	1	P&ID ZERO LIQUID DISCHARGE (ZLD) SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		02/08/11		GAKG-00188	3/1/11	2/24/11		2/24/11	Reviewed for Referenced Only
314	MECH-1	MECH-1 0007A (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	1/28/11 Superseded by REV 2	2/8/11		Comment sheet included in zip file of P&ID
315	MECH-1	MECH-1 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	11/5/10 Superseded by REV 1		11/5/10	Reviewed for Referenced Only
316	MECH-1	MECH -1 0004 (REV2) (110216)	25483-000-M6-WB-00001	1	P&ID Closed Cooling Water System	P&ID REFERENCE DOCUMENT	Mechanical		02/16/11		GAKG-00200	3/9/11				
317	MECH-1	MECH -1 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
318	MECH-1	MECH-1 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	10/14/10 Superseded by REV 1		10/14/10	Reviewed for Referenced Only
319	MECH-1	MECH -1 0004 (REV2) (110216)	25483-000-M6-WB-00002	1	P&ID Closed Cooling Water System	P&ID REFERENCE DOCUMENT	Mechanical		02/16/11		GAKG-00200	3/9/11				
320	MECH-1	MECH-1 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
321	MECH-1	MECH-1 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	10/14/10 Superseded by REV 1		10/14/10	Reviewed for Referenced Only
322	MECH-1	MECH-1 0001 (REV1) (110215)	25483-000-M6-WL-00001	1	P&ID CIRCULATING WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		02/15/11		GAKG-00197	4/4/11				
323	MECH-1	MECH-1 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 Superseded by REV1	2/15/11	10/20/10	Reviewed for Referenced Only
324	MECH-1	MECH-1 0001 (REV1) (110215)	25483-000-M6-WL-00002	1	P&ID CIRCULATING WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		02/15/11		GAKG-00197	4/4/11				
325	MECH-1	MECH-1 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 Superseded by REV1	2/15/11	10/20/10	Reviewed for Referenced Only
326	MECH-1	MECH-1 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
327	MECH-1	MECH-1 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
328	MECH-1	MECH-1 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	11/8/10 Superseded by REV 1		11/8/10	Reviewed for Referenced Only - Superseded by Rev 1
329	MECH-1	MECH-1 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
330	MECH-1	MECH-1 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	11/8/10 Superseded by REV 1		11/8/10	Reviewed for Referenced Only - Superseded by Rev 1

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February 25, 2011

25483-000-G02-GGG-00009
REV 8

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	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
331	MECH-1	MECH-1 0013 (REV2) (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	1/31/11			CBO Comments Rec'd and zipped with drawing in IW
332	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	12/16/10 Superseded by REV 1		12/16/10	Reviewed for Referenced Only
333	MECH-1	MECH-1 0014 (REV1) (110204)	25483-000-M6-XW-00001	0	P & ID WASTE WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		01/27/11		GAKG-00163	2/17/11	2/10/11		2/10/11	Reviewed for Referenced Only
334	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	12/28/10 Superseded by REV 1	1/27/11		Comment sheet included in zip file of P&ID
335	MECH-1	MECH-1 0014 (REV1) (110204)	25483-000-M6-XW-00002	0	P & ID WASTE WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		01/27/11		GAKG-00163	2/17/11	2/10/11		2/10/11	Reviewed for Referenced Only
336	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	12/28/10 Superseded by REV 1	1/27/11		Comment sheet included in zip file of P&ID
337	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	2/10/11		2/10/11	Reviewed for Referenced Only
338	MECH-1		25483-000-M6-XW-00005		P&ID SANITARY WASTE SYSTEM		Mechanical	Q2, 2011								
339	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
340	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
341	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	Approved
342	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	12/9/10 Superseded by REV 1		12/9/10	Reviewed for Referenced Only
343	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
344	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
345	MECH-3		25483-000-3PS-MA00-00000		FURNISHING, DESIGNING, INSTALLING AND TESTING OF HVAC SYSTEMS		Mechanical	Q2, 2011								
346	MECH-3		25483-000-MOC-VB-00001		HVAC SYSTEM REQUIREMENTS (MISC BUILDINGS)		Mechanical	Q2, 2011								
347			25483-000-3RC-H01G-00004		NOISE CONTROL PLAN		Mechanical	Q4, 2010								
348	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
349	STRUC-1		25483-003-3DR-C11-00001		CIVIL/STRUCTURAL DESIGN CRITERIA		Civil	Q3, 2010								
350	STRUC-1		25483-000-3PS-CG01-00001		TECHNICAL SPECIFICATION FOR THE DESIGN AND CONSTRUCTION OF THE SITE ROAD		Civil	Q2, 2011								
351	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
352	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

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353	STRUC-1	STRUC-1 DD00 (REV0) (110216)	25483-000-3PS-DD00-00001	0	TECHNICAL SPECIFICATION FOR EMBEDDED STEEL AND ANCHOR BOLTS	Specification	Civil		02/16/11	RK	GAKG-00201	3/9/11				
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 (REV3) (110129)	25483-000-CP-1100-00001	2	HRSG AND STACK PILE LOCATION PLAN	Drawing	Civil		01/29/11		GAKG-00174	1/31/11	1/31/11		1/31/11	Approved
365	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	1/28/11 Superseded by REV3			CBO Comment Response zipped with doc in IW and distrib
366	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	1/28/11 Superseded by REV2			Rejected - Reference document needs doc number
367	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	11/22/10 Superseded by REV1		11/22/10	Approved
368	STRUC-1	STRUC-1 DB1301 (REV0) (110203)	25483-000-CP-1300-00001	0	BOILER FEED WATER PUMP, UNIT #1 & UNIT #2, PILE LOCATION PLAN & DETAILS	Drawing	Structural		2/3/2011	RK	GAKG-00179	2/9/11	2/17/11		2/17/11	Approved
369	STRUC-1	STRUC-1 CP1401 (REV2) (110210)	25483-000-CP-1400-00001	1	COMBUSTION TURBINE GENERATOR, PILE LOCATON PLAN	Drawing	Civil		02/10/11	RK	GAKG-00193	2/17/11	2/15/11		2/15/11	Approved - Raghu emailed to Foundation (Brandon Watson) 2-15-11
370	STRUC-1	STRUC-1 CP1401 (REV1) (101230)	25483-000-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
371	STRUC-1	STRUC-1 CP1401 (REV0) (101201)	25483-000-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
372	STRUC-1	STRUC-1 CP1402 (REV1) (110208)	25483-000-CP-1400-00002	1	COMBUSTION TURBINE #1 & #2, AREA SLAB, PILE LOCATION PLAN	Drawing	Civil		02/08/11	RK	GAKG-00187	2/14/11	2/14/11		2/14/11	Approved
373	STRUC-1	STRUC-1 CP1402 (REV0) (110107)	25483-000-CP-1400-00002	0	COMBUSTION TURBINE #1 & #2, AREA SLAB, PILE LOCATION PLAN	Drawing	Civil		01/07/11	RK	GAKG-00134	1/27/11	1/26/11 Superseded by REV1	02/08/11		CBO Comment Response Rec'd and zipped with doc in IW
374	STRUC-1	STRUC-1 DB1110 (REV1) (110218)	25483-000-CP-9200-00001	0	HRSG PIPERACK PILE LOCATION PLAN	Drawing	Civil		02/18/11	RK	GAKG-00209	2/21/11	2/18/11		2/18/11	Approved
375	STRUC-1	STRUC-1 DB1110 (REV0) (110210)	25483-000-CP-9200-00001	0	HRSG PIPERACK PILE LOCATION PLAN	Drawing	Civil		02/10/11	RK	GAKG-00192	2/17/11	2/17/11 Superseded by Rev1	2/18/11		CBO Comments Rec'd and zipped with doc in IW

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376	STRUC-1		25483-001-CP-1400-00001		COMBUSTION TURBINE #1 PILE LOCATION		Civil	Q2, 2011								
377	STRUC-1		25483-001-CP-1400-00001		COMBUSTION TURBINE #1 PILE LOCATION		Civil	Q1, 2011								
378	STRUC-1	STRUC-1 CP2101 (REV0) (110216)	25483-003-CP-2100-00001	0	STG PIPERACK PILE LOCATION PLAN	Drawing	Civil		02/16/11	AM	GAKG-00202	2/22/11	2/22/11		2/22/11	Approved
379	STRUC-1	STRUC-1 CP2401 (REV1) (110211)	25483-003-CP-2400-00001	1	STEAM TURBINE PEDESTAL, FOUNDATION MAT, PILE LOCATION PLAN	Drawing	Civil		02/11/11	AM	GAKG-00195	2/18/11	2/18/11		2/18/11	Approved
380	STRUC-1	STRUC-1 CP2401 (REV0) (110212)	25483-003-CP-2400-00001	0	STEAM TURBINE PEDESTAL, FOUNDATION MAT, PILE LOCATION PLAN	Drawing	Civil		01/21/11	RK	GAKG-00160	2/10/11	2/7/11 Superseded by REV1	2/11/2011		CBO Comment Response Rec'd and zipped with doc in IW
381	STRUC-1	STRUC-1 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
382	STRUC-1	STRUC-1 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	11/15/10 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 Superseded by REV 1
383	STRUC-1	STRUC-1 CP1402 (REV1) (110208)	25483-000-CPC-1411-00001	1	CTG AREA FOUNDATION PILE ADEQUACY CHECK	Drawing	Civil		02/08/11	RK	GAKG-00187	2/14/11	2/14/11		2/14/11	Approved
384	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	1/26/11 Superseded by REV1	02/08/11		CBO Comment Response Rec'd and zipped with doc in IW
385	STRUC-1	STRUC-1 CP2101 (REV0) (110216)	25483-000-CPC-2100-00001	0	STG PIPERACK FOUNDATION - PILE ADEQUACY CHECK CALCULATION	Calculation	Civil		02/16/11	AM	GAKG-00202	2/22/11	2/22/11		2/22/11	Approved
386	STRUC-1	STRUC-1 CP2401 (REV1) (110211)	25483-000-CPC-2410-00001	0	Steam Turbine Generator Pile Arrangement & Adequacy Check	Calculation	Civil						2/18/11		2/18/11	Approved
387	STRUC-1	STRUC-1 CP2401 (REV0) (110212)	25483-000-CPC-2410-00001	0	Steam Turbine Generator Pile Arrangement & Adequacy Check	Calculation	Civil		01/21/11	RK	GAKG-00160	2/10/11	2/7/2011 NOT INCLUDED IN REV 1 PKG			CBO Comment Response Rec'd and zipped with doc in IW - Calc needs correction (same doc # on each pg, orientation) before resubmitting to CBO CALC WAS NOT INCLUDED IN REV 1 OF THIS COC#
388	STRUC-1	STRUC-1 DB1110 (REV1) (110218)	25483-000-CPC-9200-00001	0	HRSG PIPERACK FOUNDATION - PILE ADEQUACY CHECK CALCULATION	Calculation	Civil		02/18/11	RK	GAKG-00209	2/21/11	2/18/11		2/18/11	Approved
389	STRUC-1	STRUC-1 DB1110 (REV0) (110210)	25483-000-CPC-9200-00001	0	HRSG PIPERACK FOUNDATION - PILE ADEQUACY CHECK CALCULATION	Calculation	Civil		02/10/11	RK	GAKG-00192	2/17/11	2/17/11 Superseded by Rev1	2/18/11		CBO Comments Rec'd and zipped with Calc in IW

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390	STRUC-1	STRUC-1 CP7100 (REV0) (110224)	25483-000-CPC-7100-00001	0	BC Evaporator Foundation, Pile Adequacy Check Calculation	Calculation	Civil		02/24/11	AM	GAKG-0216	3/3/11				
391	STRUC-1	STRUC-1 CP7100 (REV0) (110224)	25483-000-CP-7100-00001	0	Zero Liquid Discharge Area, BC Evaporator Foundation, Pile location plan	Drawing	Civil		02/24/11	AM	GAKG-0216	3/3/11				
392	STRUC-1	STRUC-1 D001 (REV0) (101223)	25483-000-DO-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
393	STRUC-1	STRUC-1 D001 (REV0) (101223)	25483-000-DO-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
394	STRUC-1	STRUC-1 D001 (REV0) (101223)	25483-000-DO-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
395	STRUC-1	STRUC-1 D001 (REV0) (101223)	25483-000-DO-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
396	STRUC-1	STRUC-1 DB1301 (REV0) (110203)	25483-000-DB-1310-00001	0	Boiler Feed Water Pump, Unit #1 & Unit #2, Foundation Plan & Details	Drawing	Structural		02/03/11	RK	GAKG-00179	2/9/11	2/17/11		2/17/11	Approved
397	STRUC-1		25483-000-DB-2111-00001		INTERNAL DRAIN TANK PIT PLAN, SECTIONS & DETAILS		Civil	Q2, 2011								
398	STRUC-1		25483-000-DB-2111-00002		INTERNAL DRAIN TANK PIT SECTIONS AND DETAILS		Civil	Q2, 2011								
399	STRUC-1		25483-000-DB-3200-00001		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION		Civil	Q2, 2011								
400	STRUC-1		25483-000-DB-3290-00001		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION SECTIONS AND DETAILS		Civil	Q2, 2011								
401	STRUC-1		25483-000-DB-3290-00002		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION		Civil	Q1, 2011								
402	STRUC-1		25483-000-DB-6110-00001		AMMONIA STORAGE TANK FOUNDATION PLAN SECTIONS AND DETAILS		Civil	Q2, 2011								
403	STRUC-1		25483-000-DB-7110-00001		FIRE/FILTER & DEMINERALIZED WATER TANK FOUNDATIONS PLAN - SECTION AND DETAILS		Civil	Q2, 2011								
404	STRUC-1		25483-000-DB-7110-00002		WATER TREATMENT BUILDING FOUNDATION PLAN		Civil	Q2, 2011								
405	STRUC-1		25483-000-DB-7110-00003		WATER TREATMENT BUILDING PAD & ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
406	STRUC-1		25483-000-DB-7110-00004		WATER TREATMENT MISC. YARD EQUIPMENT FOUNDATION		Civil	Q2, 2011								
407	STRUC-1		25483-000-DB-7190-00001		TITLE 22 RECYCLED WATER TREATMENT FACILITY FOUNDATIONS SECTIONS & DETAILS		Civil	Q2, 2011								
408	STRUC-1		25483-000-DB-7190-00002		ZERO LIQUID DISCHARGE FACILITY FOUNDATIONS SECTIONS & DETAILS		Civil	Q2, 2011								
409	STRUC-1		25483-000-DB-7210-00002		COOLING TOWER CONCRETE FOUNDATIONS SHEET 1		Civil	Q2, 2011								
410	STRUC-1		25483-000-DB-7210-00003		COOLING TOWER CONCRETE FOUNDATIONS SHEET 2		Civil	Q2, 2011								
411	STRUC-1		25483-000-DB-7210-00004		COOLING TOWER CONCRETE FOUNDATIONS SHEET 3		Civil	Q2, 2011								
412	STRUC-1		25483-000-DB-7210-00005		COOLING TOWER CONCRETE FOUNDATIONS SHEET 4		Civil	Q2, 2011								
413	STRUC-1		25483-000-DB-7290-00001		COOLING TOWER CONCRETE NEAT LINE AND REINFORCING		Civil	Q2, 2011								
414	STRUC-1		25483-000-DB-7710-00001		OIL/WATER SEPARATOR-FOUNDATIONS PLAN SECTIONS AND DETAILS		Civil	Q2, 2011								
415	STRUC-1		25483-000-DB-9010-00001		MISCELLANEOUS CONCRETE FOUNDATION		Civil	Q2, 2011								
416	STRUC-1		25483-000-DB-9010-00002		MISCELLANEOUS CONCRETE FOUNDATION SHEET 2		Civil	Q2, 2011								
417	STRUC-1		25483-000-DB-9210-00001		PIPE RACK FOUNDATION CONCRETE NEAT LINE & REINFORCING PLAN, SHEET 1		Civil	Q2, 2011								
418	STRUC-1		25483-000-DB-9210-00002		PIPE RACK FOUNDATION CONCRETE NEAT LINE & REINFORCING PLAN, SHEET 2		Civil	Q2, 2011								
419	STRUC-1		25483-000-DB-9290-00001		PIPE RACK FOUNDATION SECTIONS AND DETAILS		Civil	Q2, 2011								
420	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-001-DB-1110-00001	1	HRSG & Stack Unit #1, Foundation concrete Neat Line (Sheet 1)	Drawing	Civil		02/16/11	AM	GAKG-00205	2/24/11				

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421	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-001-DB-1110-00001	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 1)	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
422	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-001-DB-1110-00002	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)	Drawing	Civil		02/16/11	RK	GAKG-00205	2/24/11				
423	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-001-DB-1110-00002	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
424	STRUC-1		25483-001-DB-1111-00001		HRSG #1 AREA SLAB NEAT LINE & ANCHOR BOLT LOCATION PLAN		Civil	Q1, 2011								
425	STRUC-1		25483-001-DB-1210-00001		BOILER FEEDPUMP BUILDING #1 FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
426	STRUC-1		25483-001-DB-1210-00002		BOILER FEEDWATER PUMP 1A & 1B FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
427	STRUC-1		25483-001-DB-1210-00003		UNIT 1 BOILER FEED PUMP CHEMICAL SUN SHADE FDN		Civil	Q2, 2011								
428	STRUC-1		25483-001-DB-1400-00001		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS		Civil	Q2, 2011								
429	STRUC-1		25483-001-DB-1410-00001		COMBUSTION TURBINE NO. 1 NEAT LINE & EMBEDMENT PLAN		Civil	Q2, 2011								
430	STRUC-1		25483-001-DB-1411-00001		COMBUSTION TURBINE #1 AREA SLAB NEAT LINE PLAN		Civil	Q2, 2011								
431	STRUC-1		25483-001-DB-1490-00001		COMBUSTION TURBINE NO. 1 SECTIONS & DETAILS		Civil	Q2, 2011								
432	STRUC-1		25483-001-DB-1491-00001		CT #1 AREA SLAB SECTION AND DETAILS		Civil	Q2, 2011								
433	STRUC-1		25483-001-DB-1491-00004		COMBUSTION TURBINE #1 ELECTRICAL VAULT SECTIONS & DETAILS		Civil	Q2, 2011								
434	STRUC-1		25483-001-DB-3310-00001		COMBUSTION TURBINE #1 MAIN AND UNIT AUX TRANSFORMER FOUNDATION PLAN & SECTIONS		Civil	Q2, 2011								
435	STRUC-1		25483-001-DB-3390-00001		COMBUSTION TURBINE #1 MAIN AND UNIT AUX TRANSFORMER FOUNDATION SECTIONS & DETAILS		Civil	Q2, 2011								
436	STRUC-1		25483-001-DB-4110-00001		AIR INLET FILTER/SILENCER #1 FOUNDATION PLAN SECTIONS & DETAILS		Civil	Q2, 2011								
437	STRUC-1		25483-001-DB-4410-00001		UNIT 1 CEMS FOUNDATION CONCRETE NEAT LINE & REINFORCING		Civil	Q2, 2011								
438	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-002-DB-1110-00001	1	HRSG & STACK UNIT #2, FOUNDATION CONCRETE NEAT 1 LINE (SHEET 1)	Drawing	Civil		02/16/11	AM	GAKG-00205	2/24/11				
439	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-002-DB-1110-00001	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 1)	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
440	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-002-DB-1110-00002	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)	Drawing	Civil		02/16/11	RK	GAKG-00205	2/24/11				
441	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-002-DB-1110-00002	0	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
442	STRUC-1		25483-002-DB-1111-00001		HRSG #2 AREA SLAB NEAT LINE & ANCHOR BOLT LOCATION PLAN		Civil	Q1, 2011								
443	STRUC-1		25483-002-DB-1210-00001		BOILER FEEDPUMP BUILDING #2 FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
444	STRUC-1		25483-002-DB-1210-00002		BOILER FEEDWATER PUMP 2A & 2B FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
445	STRUC-1		25483-002-DB-1210-00003		UNIT 2 BOILER FEED PUMP CHEMICAL SUN SHADE FDN		Civil	Q2, 2011								

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446	STRUC-1		25483-002-DB-1400-00001		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS		Civil	Q1, 2011								
447	STRUC-1		25483-002-DB-1410-00001		CT #2 NEAT LINE & EMBEDMENT PLAN		Civil	Q2, 2011								
448	STRUC-1		25483-002-DB-1411-00001		COMBUSTION TURBINE #2 AREA SLAB NEAT LINE PLAN		Civil	Q2, 2011								
449	STRUC-1		25483-002-DB-1490-00001		CT #2 SECTIONS AND DETAILS		Civil	Q2, 2011								
450	STRUC-1		25483-002-DB-1491-00001		CT #2 AREA FOUNDATION SECTION AND DETAILS		Civil	Q2, 2011								
451	STRUC-1		25483-002-DB-1491-00003		COMBUSTION TURBINE #2 ELECTRICAL VAULT CONCRETE NEAT LINE & REINFORCING		Civil	Q2, 2011								
452	STRUC-1		25483-002-DB-1491-00004		COMBUSTION TURBINE #2 ELECTRICAL VAULT SECTIONS & DETAILS		Civil	Q2, 2011								
453	STRUC-1		25483-002-DB-3310-00001		COMBUSTION TURBINE #2 MAIN AND UNIT AUX TRANSFORMER FOUNDATION PLAN & SECTIONS		Civil	Q2, 2011								
454	STRUC-1		25483-002-DB-3390-00001		COMBUSTION TURBINE #2 MAIN AND UNIT AUX TRANSFORMER FOUNDATION SECTIONS & DETAILS		Civil	Q2, 2011								
455	STRUC-1		25483-002-DB-4110-00001		AIR INLET FILTER/SILENCER #2 FOUNDATION PLAN SECTIONS & DETAILS		Civil	Q2, 2011								
456	STRUC-1		25483-003-DB-2110-00001		STEAM TURBINE AREA FOUNDATION PLAN		Civil	Q2, 2011								
457	STRUC-1		25483-003-DB-2111-00003		GLAND STEAM SKID PLATFORM FOUNDATION		Civil	Q2, 2011								
458	STRUC-1		25483-003-DB-2112-00001		STEAM JET AIR EJECTOR FOUNDATIONS		Civil	Q2, 2011								
459	STRUC-1		25483-003-DB-2190-00001		STEAM TURBINE AREA FOUNDATION SECTIONS AND DETAILS		Civil	Q2, 2011								
460	STRUC-1		25483-003-DB-2410-00001		STEAM TURBINE PEDESTAL NEAT LINE PLAN		Civil	Q2, 2011								
461	STRUC-1		25483-003-DB-2490-00001		STEAM TURBINE PEDESTAL FOUNDATION SECTIONS		Civil	Q2, 2011								
462	STRUC-1		25483-003-DB-3410-00001		STEAM TURBINE FOUNDATION NEAT LINE PLAN AND SECTIONS		Civil	Q2, 2011								
463	STRUC-1		25483-003-DB-3490-00001		STEAM TURBINE FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
464	STRUC-1		25483-003-DB-3490-00002		STEAM TURBINE FOUNDATION SECTIONS AND DETAIL		Civil	Q2, 2011								
465	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DBC-1100-00001	1	HRSG and Stack Pile cap	Calculation	Civil		02/16/11	AM	GAKG-00205	2/24/11				
466	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DBC-1100-00001	0	HRSG & STACK PILECAP CALCULATION	Calculation	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
467	STRUC-1	STRUC-1 DB1110 (REV1) (110218)	25483-000-DBC-1110-00002	0	DESIGN OF HRSG STAIRTOWER FOUNDATION CALCULATION	Calculation	Civil		02/18/11	RK	GAKG-00209	2/21/11	2/18/11		2/18/11	Approved
468	STRUC-1	STRUC-1 DB1110 (REV0) (110210)	25483-000-DBC-1110-00002	0	DESIGN OF HRSG STAIRTOWER FOUNDATION CALCULATION	Calculation	Civil		02/10/11	RK	GAKG-00192	2/17/11	2/17/11 Superseded by Rev1	2/18/11		CBO Comments Rec'd and zipped with Calc in IW
469	STRUC-1		25483-000-DBC-1110-00004		HRSG STAIR FOUNDATION, UNIT 2		Civil	Q1, 2011								
470	STRUC-1		25483-000-DBC-1110-00005		HRSG AREA SLAB		Civil	Q1, 2011								
471	STRUC-1		25483-000-DBC-1110-00006		KETTLE BOILER PIERS		Civil	Q2, 2011								
472	STRUC-1		25483-000-DBC-1210-00001		BOILER FEEDWATER PUMP BUILDING FOUNDATION		Civil	Q2, 2011								
473	STRUC-1		25483-000-DBC-1210-00002		BOILER FEEDWATER PUMP FOUNDATION DESIGN		Civil	Q2, 2011								
474	STRUC-1		25483-000-DBC-1210-00003		CHEMICAL SUN SHADE AND FEED SYSTEM FOUNDATIONS		Civil	Q2, 2011								

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475	STRUC-1	STRUC-1 DB1301 (REV0) (110203)	25483-000-DBC-1310-00001	0	Design of Boiler Feed Water Pump Foundation	Calculation	Civil		2/3/11	RK	GAKG-00179	2/9/11	2/17/11		2/17/11	Approved
476	STRUC-1		25483-000-DBC-1400-00001		COMBUSTION TURBINE WASH WATER SUMP CALCULATION		Civil	Q2, 2011								
477	STRUC-1		25483-000-DBC-1400-00002		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS		Civil	Q1, 2011								
478	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
479	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	12/17/10 Superseded by REV1			CBO COMMENT Response Rec'd 12/17/10 zipped with document in IW
480	STRUC-1		25483-000-DBC-1410-00002		COMBUSTION TURBINE FOUNDATION DESIGN, UNIT 2		Civil	Q2, 2011								
481	STRUC-1		25483-000-DBC-1411-00001		COMBUSTION TURBINE - AIR INLET AND SILENCER FOUNDATION, UNIT 1 CALC		Civil	Q2, 2011								
482	STRUC-1		25483-000-DBC-1411-00002		COMBUSTION TURBINE - AIR INLET AND SILENCER FOUNDATION, UNIT 2		Civil	Q2, 2011								
483	STRUC-1		25483-000-DBC-1411-00003		COMBUSTION TURBINE AREA SLAB		Civil	Q2, 2011								
484	STRUC-1		25483-000-DBC-1411-00004		DESIGN OF EXHAUST FOUNDATION INTERFACE		Civil	Q2, 2011								
485	STRUC-1		25483-000-DBC-1411-00005		CT GENERATOR BREAKER FOUNDATION		Civil	Q2, 2011								
486	STRUC-1		25483-000-DBC-1491-00001		COMBUSTION TURBINE ELECTRIC PEEC STEEL DESIGN CALC		Civil	Q2, 2011								
487	STRUC-1		25483-000-DBC-1491-00002		COMBUSTION TURBINE - ANCHOR BOLT ON PEEC PACKAGE		Civil	Q2, 2011								
488	STRUC-1		25483-000-DBC-2111-00001		INTERNAL DRAIN TANK SUMP		Civil	Q2, 2011								
489	STRUC-1		25483-000-DBC-2410-00002		STEAM TURBINE PEDESTAL DESIGN CALCULATION		Civil	Q2, 2011								
490	STRUC-1		25483-000-DBC-3200-00001		DESIGN OF SWITCHGEAR BUILDING VAULT		Civil	Q2, 2011								
491	STRUC-1		25483-000-DBC-3200-00002		DUCT BANK OPENINGS IN PIT WALLS OF SWITCHGEAR BUILDING		Civil	Q1, 2011								
492	STRUC-1		25483-000-DBC-3200-00003		SWITCHGEAR BUILDING SLAB ON GRADE		Civil	Q1, 2011								
493	STRUC-1		25483-000-DBC-3310-00001		DESIGN OF FOUNDATION AND PIT FOR CTG TRANSFORMER AND UNIT AUX TRANSFORMER		Civil	Q2, 2011								
494	STRUC-1		25483-000-DBC-3310-00002		DESIGN OF EMBEDDED PLATES FOR CTG TRANSFORMER AND UNIT AUX TRANSFORMER		Civil	Q2, 2011								
495	STRUC-1		25483-000-DBC-4410-00001		CEMS FOUNDATION DESIGN		Civil	Q2, 2011								
496	STRUC-1		25483-000-DBC-6110-00001		AMMONIA STORAGE TANK FOUNDATIONS		Civil	Q2, 2011								

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497	STRUC-1		25483-000-DBC-7110-00001		FIELD ERECTED TANK FOUNDATIONS		Civil	Q2, 2011								
498	STRUC-1		25483-000-DBC-7110-00002		WATER TREATMENT BUILDING FOUNDATION AND ASSOCIATED EQUIPMENT		Civil	Q2, 2011								
499	STRUC-1		25483-000-DBC-7110-00003		WATER TREATMENT BUILDING - MASONRY WALL DESIGN		Civil	Q2, 2011								
500	STRUC-1		25483-000-DBC-7110-00004		MISC. WATER TREATMENT SYSTEM YARD EQUIPMENT FOUNDATION		Civil	Q2, 2011								
501	STRUC-1		25483-000-DBC-7200-00001		CONDENSATE PUMP FOUNDATION CALCULATIONS		Civil	Q2, 2011								
502	STRUC-1		25483-000-DBC-7210-00001		COOLING TOWER FOUNDATION DESIGN		Civil	Q2, 2011								
503	STRUC-1		25483-000-DBC-7210-00003		COOLING TOWER ANCHOR BOLT DUCTILITY CALC		Civil	Q2, 2011								
504	STRUC-1		25483-000-DBC-7210-00004		COOLING TOWER STAIR FOUNDATION CLACULATION		Civil	Q2, 2011								
505	STRUC-1		25483-000-DBC-7210-00005		CONDENSATE COOLING TOWER TANK FOUNDATION		Civil	Q2, 2011								
506	STRUC-1		25483-000-DBC-7210-00009		COOLING TOWER/MCC BUILDING SLAB ON GRADE		Civil	Q2, 2011								
507	STRUC-1		25483-000-DBC-9210-00001		PIPE RACK AND STAIR TOWER FOUNDATION		Civil	Q2, 2011								
508	STRUC-1		25483-000-DBC-9210-00002		GAS PREHEATER PIER DESIGN		Civil	Q2, 2011								
509	STRUC-1		25483-003-DBC-2110-00001		DESIGN OF STEAM TURBINE AREA SLAB FOUNDATION		Civil	Q2, 2011								
510	STRUC-1		25483-003-DBC-2110-00002		DESIGN OF STEAM TURBINE GENERATOR AIR INLET FILTER FOUNDATION		Civil	Q2, 2011								
511	STRUC-1		25483-003-DBC-2110-00003		GLAND STEAM SKID FOUNDATION		Civil	Q2, 2011								
512	STRUC-1		25483-003-DBC-2110-00006		STEAM JET AIR EJECTOR PLATFORM FOUNDATIONS		Civil	Q2, 2011								
513	STRUC-1		25483-003-DBC-2410-00001		STEAM TURBINE FOUNDATION DESIGN		Civil	Q2, 2011								
514	STRUC-1		25483-003-DBC-3310-00003		DESIGN OF FOUNDATION AND PIT FOR STG TRANSFORMER		Civil	Q2, 2011								
515	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DD-1110-00001	0	HRSG & STACK UNIT 1 & UNIT 2 FOUNDATION SOLE PLATE & SHEAR KEY DETAILS	Drawing	Civil		02/16/11	RK	GAKG-00205	2/24/11				
516	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	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
517	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DD-1110-00002	0	HRSG & STACK UNIT 1 & UNIT 2 FOUNDATION SOLE PLATE & SHEAR KEY DETAILS	Drawing	Civil		02/16/11	RK	GAKG-00205	2/24/11				
518	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	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
519	STRUC-1		25483-001-DD-1410-00001		CT #1 ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
520	STRUC-1		25483-001-DD-1410-00002		CT #1 MAXIBOLT LOCATION PLAN		Civil	Q2, 2011								
521	STRUC-1		25483-001-DD-1411-00001		COMBUSTION TURBINE #1 AREA SLAB ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
522	STRUC-1		25483-002-DD-1410-00001		CT #2 ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
523	STRUC-1		25483-002-DD-1410-00002		CT #2 MAXIBOLT LOCATION PLAN		Civil	Q2, 2011								

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524	STRUC-1		25483-002-DD-1411-00001		COMBUSTION TURBINE #2 AREA SLAB ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
525	STRUC-1		25483-003-DD-2410-00001		STEAM TURBINE PEDESTAL ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
526	STRUC-1		25483-003-DD-2410-00002		STEAM TURBINE PEDESTAL EMBEDMENT PLAN		Civil	Q2, 2011								
527	STRUC-1		25483-003-DD-2490-00001		STEAM TURBINE PEDESTAL EMBEDMENT SECTIONS & DETAILS, SHT 1		Civil	Q2, 2011								
528	STRUC-1		25483-003-DD-2490-00002		STEAM TURBINE PEDESTAL EMBEDMENT SECTIONS & DETAILS, SHT 2		Civil	Q2, 2011								
529	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DDC-1110-00001	0	HRSG & STACK FOUNDATION - EMBED DESIGN	Calculation	Civil		02/16/11	RK	GAKG-00205	2/24/11				
530	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DDC-1110-00001	0	HRSG & STACK FOUNDATION - EMBED DESIGN	Calculation	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
531	STRUC-1		25483-000-DDC-1410-00001		COMBUSTION TURBINE - ANCHOR BOLT DUCTILITY CALC		Civil	Q2, 2011								
532	STRUC-1		25483-003-DDC-2410-00001		DESIGN OF ANCHOR BOLTS FOR STEAM TURBINE		Civil	Q2, 2011								
533	STRUC-1		25483-003-DDC-2410-00002		DESIGN OF TRANSVERSE & ANCHOR PLATES FOR STEAM TURBINE		Civil	Q2, 2011								
534	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DG-1110-00001	1	HRSG & Stack Unit #1 & Unit #2, Foundation,	Drawing	Civil		02/16/11	AM	GAKG-00205	2/24/11				
535	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DG-1110-00001	0	Rebar Plan & Details	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
536	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DG-1110-00002	1	HRSG & Stack Unit #1 & Unit #2, Foundation,	Drawing	Civil		02/16/11	AM	GAKG-00205	2/24/11				
537	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DG-1110-00002	0	Rebar Around Anchor Bolt (Sheet 1)	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
538	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DG-1110-00003	0	HRSG & STACK UNIT 1 & UNIT 2, FOUNDATION REBAR AROUND ANCHOR BOLT (SHEET 2)	Drawing	Civil		02/16/11	RK	GAKG-00205	2/24/11				
539	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)	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
540	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DG-1190-00001	1	HRSG & STACK UNIT 1 & UNIT 2, FOUNDATION REBAR SECTIONS	Drawing	Civil		02/16/11	RK	GAKG-00205	2/24/11				
541	STRUC-1	STRUC-1 DB1101 (REV0) (110125)	25483-000-DG-1190-00001	0	HRSG & STACK UNIT 1 & UNIT 2, FOUNDATION REBAR SECTIONS	Drawing	Civil		01/25/11	RK	GAKG-00161	2/15/11	2/11/11			CBO Comments received - zipped with doc in IW and distributed to RE
542	STRUC-1		25483-001-DG-1110-00001		HRSG/STACK #1 FOUNDATION BOTTOM REINFORCING PLAN		Civil	Q1, 2011								
543	STRUC-1		25483-001-DG-1110-00002		HRSG/STACK #1 FOUNDATION TOP REINFORCING PLAN		Civil	Q1, 2011								
544	STRUC-1		25483-001-DG-1190-00001		HRSG/STACK #1 FOUNDATION REINFORCING SECTIONS		Civil	Q1, 2011								
545	STRUC-1		25483-001-DG-1410-00001		CT #1 REINFORCING PLAN		Civil	Q2, 2011								
546	STRUC-1		25483-001-DG-1490-00001		CT #1 SECTIONS AND DETAILS		Civil	Q2, 2011								
547	STRUC-1		25483-002-DG-1110-00001		HRSG/STACK #2 AREA SLAB ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
548	STRUC-1		25483-002-DG-1110-00002		HRSG/STACK #2 FOUNDATION TOP REINFORCING PLAN		Civil	Q1, 2011								
549	STRUC-1		25483-002-DG-1190-00001		HRSG/STACK #2 FOUNDATION REINFORCING SECTIONS		Civil	Q1, 2011								
550	STRUC-1		25483-002-DG-1410-00001		CT #2 REINFORCING PLAN		Civil	Q2, 2011								
551	STRUC-1		25483-002-DG-1490-00001		CT #2 SECTIONS AND DETAILS		Civil	Q2, 2011								

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552	STRUC-1		25483-003-DG-2410-00001		STEAM TURBINE PEDESTAL REINFORCEMENT PLAN		Civil	Q2, 2011								
553	STRUC-1		25483-003-DG-2490-00001		STEAM TURBINE PEDESTAL REINFORCING SECTIONS & DETAILS, SHT 1		Civil	Q2, 2011								
554	STRUC-1		25483-003-DG-2490-00002		STEAM TURBINE PEDESTAL REINFORCING SECTIONS & DETAILS, SHT 2		Civil	Q2, 2011								
555	STRUC-1		25483-003-DGC-2410-00001		STEAM TURBINE FOUNDATION DESIGN		Civil	Q2, 2011								
556	STRUC-1	STRUC-1 CP11-1 (REV3) (110128)	25483-000-G27-GEC-00001	0	TRANSMITTAL STRUC-1 CP1101 REV2 110128 for HRSG and STACK PILE LOCATION PLAN	Reference Document	Civil		01/28/11	RK	GAKG-00169	1/28/11	1/31/11		1/31/11	Approved Reference document to 25483-000-CP-1100-00001
557	STRUC-1	STRUC-1 CP11-1 (REV2) (110128)	25483-000-G27-GEC-00001	0	TRANSMITTAL STRUC-1 CP1101 REV2 110128 for HRSG and STACK PILE LOCATION PLAN	Reference Document	Civil		01/28/11	RK	GAKG-00169	1/28/2011 Superseded by REV2				Reference document to 25483-000-CP-1100-00001. Needs document number
558	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	1/27/11			CBP Comments zipped with doc in IW and distributed
559	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	1/27/11			CBP Comments zipped with doc in IW and distributed
560	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	1/27/11			CBP Comments zipped with doc in IW and distributed
561	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	1/27/11			CBP Comments zipped with doc in IW and distributed
562	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	1/27/11			CBP Comments zipped with doc in IW and distributed
563	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	1/27/11			CBP Comments zipped with doc in IW and distributed
564	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	1/27/11			CBP Comments zipped with doc in IW and distributed
565	STRUC-1		25483-000-SS-1410-00001		GENERATOR CIRCUIT BREAKER SUPPORT STRUCTURE		Structural	Q2, 2011								
566	STRUC-1		25483-000-SS-7210-00001		COOLING TOWER AREA CHEMICAL SUN SHADE		Structural	Q2, 2011								
567	STRUC-1		25483-000-SS-9200-00001		PIPE RACK		Structural	Q2, 2011								
568	STRUC-1		25483-000-SS-9210-00001		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1		Structural	Q2, 2011								
569	STRUC-1		25483-000-SS-9210-00002		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2		Structural	Q2, 2011								
570	STRUC-1		25483-000-SS-9210-00003		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1		Structural	Q2, 2011								
571	STRUC-1		25483-000-SS-9210-00004		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2		Structural	Q2, 2011								
572	STRUC-1		25483-000-SS-9210-00005		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1		Structural	Q2, 2011								
573	STRUC-1		25483-000-SS-9210-00006		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2		Structural	Q2, 2011								
574	STRUC-1		25483-000-SS-9210-00007		PIPE RACK STEEL PLAN AT EL. XX'		Structural	Q2, 2011								
575	STRUC-1		25483-000-SS-9211-00001		PIPE RACK STAIR TOWER		Structural	Q2, 2011								
576	STRUC-1		25483-000-SS-9211-00002		MISCELLANEOUS PIPE RACK STAIRS AND PLATFORMS		Structural	Q2, 2011								
577	STRUC-1		25483-000-SS-9290-00001		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 1		Structural	Q2, 2011								
578	STRUC-1		25483-000-SS-9290-00002		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 2		Structural	Q2, 2011								
579	STRUC-1		25483-000-SS-9290-00003		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 3		Structural	Q2, 2011								
580	STRUC-1		25483-000-SS-9290-00004		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 4		Structural	Q2, 2011								

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

February 25, 2011

25483-000-G02-GGG-00009
REV 8

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	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
581	STRUC-1		25483-001-SS-1110-00001		PLATFORM AT UNIT 1 BOILER BLOWDOWN TANK		Structural	Q2, 2011								
582	STRUC-1		25483-001-SS-1210-00002		UNIT 1 BOILER FEED PUMP AREA CHEMICAL SUN SHADE & PLATFORM STEEL		Structural	Q2, 2011								
583	STRUC-1		25483-002-SS-1110-00001		PLATFORM AT UNIT 2 BOILER BLOWDOWN TANK		Structural	Q2, 2011								
584	STRUC-1		25483-002-SS-1210-00002		UNIT 2 BOILER FEED PUMP AREA CHEMICAL SUN SHADE & PLATFORM STEEL		Structural	Q2, 2011								
585	STRUC-1		25483-000-SSC-1410-00002		CIRCUIT BREAKER SUPPORT STRUCTURE		Structural	Q2, 2011								
586	STRUC-1		25483-000-SSC-7210-00001		CHEMICAL SUN SHADE STRUCTURE @ COOLING TOWER CALCULATION		Structural	Q2, 2011								
587	STRUC-1		25483-000-SSC-9210-00001		PIPERACK CALCULATIONS		Structural	Q2, 2011								
588	STRUC-1		25483-000-SSC-9211-00001		STAIR TOWER AT THE WEST END OF THE PIPE RACK		Structural	Q2, 2011								
589	STRUC-1		25483-000-SSC-XXX		ELECTRICAL ABOVE GROUND RACEWAY SUPPORT CALCULATIONS		Structural	Q2, 2011								
590	STRUC-1				ERECTION DRAWING FOR COOLING TOWER BUILDING		Structural	Q2, 2011								
591	STRUC-1				ERECTION DRAWING FOR COOLING TOWER BUILDING		Structural	Q2, 2011								
592	STRUC-1				DESIGN CERTIFICATION ENGINEERING CALCULATION FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
593	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
594	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
595	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
596	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
597	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
598	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
599	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
600	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
601	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
602	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
603	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
604	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
605	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
606	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
607	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
608	STRUC-1		25483-003-SS-2110-00001		GLAND STEAM STEEL SUPPORT PLATFORM		Structural	Q2, 2011								
609	STRUC-1		25483-003-SS-2120-00001		STEAM JET AIR EJECTOR PLATFORM SHEET 1		Structural	Q2, 2011								
610	STRUC-1		25483-003-SS-2120-00002		STEAM JET AIR EJECTOR PLATFORM SHEET 2		Structural	Q2, 2011								
611	STRUC-1		25483-003-SS-2190-00001		STEAM JET AIR EJECTOR PLATFORM ELEVATIONS AND DETAILS		Structural	Q2, 2011								
612	STRUC-1		25483-003-SS-2410-00001		STEAM TURBINE PEDESTAL PLATFORMS		Structural	Q2, 2011								
613	STRUC-1		25483-003-SS-2410-00002		STEAM TURBINE PEDESTAL PLATFORMS		Structural	Q2, 2011								
614	STRUC-1		25483-003-SS-2490-00001		STEAM TURBINE PEDESTAL PLATFORMS SECTIONS & DETAILS, SHEET 1		Structural	Q2, 2011								
615	STRUC-1		25483-003-SS-2490-00002		STEAM TURBINE PEDESTAL PLATFORMS SECTIONS & DETAILS, SHEET 2		Structural	Q2, 2011								
616	STRUC-1		25483-003-SSC-2110-00001		GLAND STEAM SKID STEEL PLATFORM CALCULATION		Structural	Q2, 2011								

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

February 25, 2011

25483-000-G02-GGG-00009
REV 8

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	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
617	STRUC-1		25483-003-SSC-2110-00002		STEAM JET AIR EJECTOR PLATFORMS CALCULATION		Structural	Q2, 2011								
618	STRUC-1		25483-003-SSC-2410-00001		STEAM TURBINE PEDESTAL PLATFORMS		Structural	Q2, 2011								
619	TSE-2	TSE-2-001 (REV0) (100702)	25483-000-GPE-GXA-00002		RESUME OF RESPONSIBLE ENGINEER - C. LOY (MECHANICAL ENGINEER)	Resume	Mechanical		7/15/10			7/16/10	7/16/10		7/15/10	Approved
620	TSE-2	TSE-2-001 (REV0) (100702)	25483-000-GPE-GXA-00003	0	RESUME OF RESPONSIBLE ENGINEER - D GERKEN (GEOTECHNICAL ENGINEER)	Resume	Geotech		7/15/10			7/16/10	7/16/10		7/15/10	Approved
621	TSE-2	TSE-2-001 (REV0) (100702)	25483-000-GPE-GXA-00004	0	RESUME OF RESPONSIBLE ENGINEER - R KRUMPEN (CIVIL AND DESIGN ENGINEER)	Resume	Civil		7/15/10			7/16/10	7/16/10		7/15/10	Approved
622	VIS-4		25483-000-ELJ-GCX-00001		PLANT LIGHTING AND PLAN (MULTIPLE SHEET DOCUMENT DESCRIBING ILLUMINATION LEVEL FOR EACH AREA)		Electrical	Q3, 2011								
623	VIS-4	VIS-4 0001 (REV0) (110125)	25483-000-EL-0000-00001	0	LIGHTING NOTES, SYMBOLS AND DETAILS (SHEET 1 OF 3)	Drawing	Electrical		1/25/11	KC	GAKG-00166	2/15/2011	2/7/11		2/7/11	Approved
624	VIS-4	VIS-4 0001 (REV0) (110125)	25483-000-EL-0000-00002	0	LIGHTING NOTES, SYMBOLS AND DETAILS (SHEET 2 OF 3)	Drawing	Electrical		1/25/11	KC	GAKG-00166	2/15/2011	2/7/11		2/7/11	Approved
625	VIS-4	VIS-4 0001 (REV0) (110125)	25483-000-EL-0000-00003	0	LIGHTING NOTES, SYMBOLS AND DETAILS (SHEET 13 OF 3)	Drawing	Electrical		1/25/11	KC	GAKG-00166	2/15/2011	2/7/11		2/7/11	Approved
626	VIS-5		25483-000-C2-0100-00004		PERMANENT FENCING LAYOUT PLAN		Civil	4/30/11								
627	VIS-5		25483-000-C0-0000-00001		CIVIL/STRUCTURAL STANDARDS FENCE DETAILS, SHEET 1		Structural	11/15/10								
628	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 #7
February 2011**

From: [Todd R. Bailey](#)
To: [Allison Bryan](#);
cc: ["Lowell Brown"](#);
Subject: RE: Russell City Energy Center
Date: Tuesday, February 15, 2011 11:14:36 AM

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

From: Allison Bryan [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
AQ-SC3 and AQ-SC4**

**Russell City Energy Center
Monthly Compliance Report #7
February 2011**

Attachment A Fugitive Dust Log

Month:	Feb (19-28) 2011			Material Stock Pile Treatments		Roadways - Water Wagon/ Street Sweeper in use		Comments, Equipment OOS, Problems & Work Orders:				
	Date	Time	Daily Low Ambient Temp. °F	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Water Treatments Active Storage (Y/N)	Water Treatments Inactive Storage (Y/N)		Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	Operator Initials	
18												CABRAL ENTER PRIZE STREET SWEEPER
19												OOS, Problems & Work Orders:
20												
21												
22	7AM	31°	0.00	4.9		NA	NA	SS			JB	CABRAL UNDER DSG
23												
24												
25	7AM	30°	0.055	7.0		NA	NA	SS			JB	RAIN - MUDDY SITE - RLEDBL. 1.3 hrs
26												
27												
28	7AM	38°	0.01	2.4		NA	NA	SS			Gwen	CABRAL UNDER BENZEL Pipes Sub Street Sweeper
29												
30												
31												

¹ WW = water wagon, SS = street sweeper

Attachment A Fugitive Dust Log

SOURCE OF WEATHER DATA: RAIN 5.98" WIND 4.5 mph TEMPERATURE 60.8°/35.1° SUPERVISOR REVIEW
NOAA / HAWAII
Gwen Bechtel CEL

Attachment A Fugitive Dust Log

Month:	Year:			Material Stock Pile Treatments		Roadways - Water Wagon/ Street Sweeper in use		Comments, Equipment OOS Problems & Work Orders
	Daily Low Ambient Temp. °F	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Water Treatments Active Storage (Y/N)	Water Treatments Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	
Date	Time							
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

WW = water wagon, SS = street sweeper

Attachment A Fugitive Dust Log

SUPERVISOR REVIEW

TEMPERATURE 60.8°/35.1°

WIND 4.5 mph

RAIN 5.88"

SOURCE OF WEATHER DATA: NOAA HAYWARD Return Completed Sheet to CEL

GreenBeckel .CEL

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		Operator Initials	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											
	19											
	20											
	21											
	22											
	23	7AM	32°		.00	37	NA	NA	WW	WW	X	LYME TREATMENT - WORK ONLY.
	24					2.7					X	ongoing water wagon.
	25				.55"	7.					X	RAW ↓
	26				.00	4.7					X	
	27											
	28											
	29											
	30											
	31											

1: WW = water wagon, SS = street sweeper

Attachment A Fugitive Dust Log

SUPERVISOR REVIEW

TEMPERATURE 60.8 / 35.1

WIND 4.5 mph

RAIN 5.88"

SOURCE OF WEATHER DATA: NOAA/HAWAII Return Completed Sheet to CEL

[Handwritten signature]

**CONDITION OF CERTIFICATION
AQ-SC5**

**Russell City Energy Center
Monthly Compliance Report #7
February 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
DU4V94	Scrapers	CATERPILLAR	633D	1980 - 2007	475	X			12/1/2010	
MA6P83	Scrapers	CATERPILLAR	615C	2004	265	X			12/1/2010	2/2/2011
YM6B75	Graders	CATERPILLAR	16H	2006	290	X			12/1/2010	
LD8C86	Excavators	KOBELCO	200	2005	141	X			12/1/2010	2/2/2011
WG8S37	Scrapers	CATERPILLAR	633D	1978 - 2006	490	X			12/1/2010	
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	2/3/2011
PD7J95	Scrapers	CATERPILLAR	623G	2004/2004	363	X			1/10/2011	
BB4W83	Loaders/Backhoes	DEERE	410G	2003/2003	98	NA	NA	NA	1/10/2011	
JS7E773	Rubber Tired Dozers	CATERPILLAR	966H	2007/2007	286	X			2/102011	
KT8M55	Off-Highway Tractors	CATERPILLAR	825G	2004/2004	338				2/102011	
PC5R56	Loaders/Backhoes	CATERPILLAR	414E	2007/2007	89	NA	NA	NA	2/102011	

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

SIGNED:  Print Names: Robert Parker

COMPANY: DeSilvia Gates Co MONTH: February , 2011



RUSSELL CITY ENERGY CENTER
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 TIER 0	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	
RY5N37	FORK LIFT	PETTIBONE	204D	1969 - ENGINE MODEL YR 1982	180			X	12/1/2010	
JD4J95	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	
AR6B68	Tractors/Loaders/Backhoes	CASE	580_K	1969 - ENGINE MODEL YR 1990	63	NA	NA	NA	12/1/2010	
CJ8V75	CRANE	MANITOWOC	4100WV_SII	1969 - ENGINE MODEL YR 2008	335	X			2/10/2011	
TS8X66	FORK LIFT	PETTIBONE	939NA041	1969 - ENGINE MODEL YR 1969	335			X	2/10/2011	
LU3D63	Rubber_Tired Loaders	BOBCAT	S205	2005 - ENGINE MODEL YR 2005	66	NA	NA	NA	2/10/2011	

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

SIGNED: David M. Hines & Son Print Names: BRANDOL WATSON

COMPANY: Foundation Construction DOOR # 939 MONTH: February, 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
YK6P94	Tractors/Loaders/Backhoes	DEERE	310SJ	2008	82	NA	NA	NA	1/3/2011	
LN4T46	Trenchers	VERMEER	CC135	2002	127			X	1/3/2011	
KW7L69	Rough_Terrain_Forklifts	SKYJACK	VR1056D	2009 02008	110	X			1/8/2011	
XN4N39	Trenchers	DITCH_WITCH	RT40	2008	42	NA	NA	NA	2/4/2011	

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

SIGNED: Mike Blawie Print Names: Mike Blawie

COMPANY: Rosendin Electric DOOR # 235 - MONTH: February 2011

GOLDEN GATE PETROLEUM



EXCELLENT SERVICE



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

INVOICE NUMBER 951111
DATE 02-10-11

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

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

PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE	
CT020911		DAN EMANI		15 DAYS		99 02-25-11	

DELIVERY DATE	DRIVER	TRUCK NUMBER	TERMINAL	B/L NUMBER
02-10-11	13 THIRD PARTY	141	16	499854

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 TAXABLE USE. THIS FUEL MEETS EPA REQUIRE- MENTS FOR SULFER, CETANE INDEX, AROMATIC CONTENT OIL SPILL RECOVERY FEDERAL LUST TAX FEDERAL OIL SPILL LIAB. TAX	7706.0	7706.0			T	2.94250	22,674.90
***	EACH	FREIGHT	7706.0	7706.0				.0200	154.12
*** DELIVERY MESSAGE *** GOLDEN GATE PETROLEUM NOW OFFERS DIESEL EXHAUST FLUID(DEF). PLEASE CALL FOR MORE INFORMATION.									

3254

TANK	UNLEADED	MID-GRADE	PREMIUM	DIESEL	REMIT TO: P.O. Box 44550 San Francisco, CA 94144-5749 For Product Emergency (Spill, Leak, Fire, Exposure or Accident) CALL 1-800-424-9300	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES. SUPER FOUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES TAX	2,213.88
BEFORE				SUB TOTAL			25,074.50	
AFTER								
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 bind the principal to the terms hereof.

Number of Drums Returned X\$ < >

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

BAY AREA / DIABLO PETROLEUM CO. dba GOLDEN GATE PETROLEUM

TOTAL 25,074.50

CHECK NUMBER CHECK AMOUNT CREDIT CARD AMOUNT

DELIVERED BY (SIGNATURE IN FULL) RECEIVED IN GOOD ORDER PLEASE PAY FROM THIS INVOICE

**CONDITION OF CERTIFICATION
WORKER SAFETY-3**

**Russell City Energy Center
Monthly Compliance Report #7
February 2011**

Russell City Energy Center Monthly Compliance Reports (MCRs)

Worker Safety – 3

February 1 – February 28, 2011

No injuries occurred in February.

There was one on-site and one off-site property damage incident during the month.

2/15/2011:

On-site, the lug nuts on one wheel of a large fork lift used by FCI to unload pile loosened and then sheared the studs. This immobilized the lift, and the operator, after verifying there was no one in the area, elected to drop one pile off the forks to the ground so the tractor trailer could safely move. There were no injuries and the pile was rejected. Extensive research identified the probable cause as improper torque on the lug nuts. FCI has instituted daily checks, including supplying a torque wrench for the operators.

2/24/2011:

On February 24th a sub-tier dump truck driver working under Desilva Gates, caught the edge of the Enterprise Ave. gate as he departed and damaged the gate. The gate belongs to the Hayward Waste Water Treatment Plant, who had it repaired and returned to service.. A Security Officer was placed at the gate full-time until fully repaired.

The following are the activities for ESH during the month:

- RCEC safety staff continued with coordination on investigations efforts with Hatfield and Dawson, RF Consultants with special emphasis training on Cranes for the FCI crew and operators.
- On-going noise monitoring during production pile driving for worker exposure levels and forwarded data to FCI Corporate Safety.
- The project provided *New Hire Orientation* training to 26 new employees.
- 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.

DA Smith
Project ESH Manager

Russell City Energy Center Monthly Compliance Reports (MCRs)

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
- Ultra Diesel Fuel Receipt
- City of Hayward Encroachment Permit



COURSE ROSTER

DATE: 2/28/11

COURSE ID: _____ COURSE TITLE: ES& H New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): GWAN H. BECHTEL ENVIR & WEAP / DANASMITH SAFER

LOCATION WHERE GIVEN: Bechtel Other (specify) _____

COURSE COMPLETION DATE: _____ COURSE LENGTH: _____

PRINT NAME		SIGNATURE	COMPANY BECHTEL EMPLOYEE NO.
LAST	FIRST		
HANDEL	MICHAEL	<i>[Signature]</i>	TREADWELL & BOLLO / LARKIN
DeCroix	Jon	<i>[Signature]</i>	Foundation
LIZARDI	RICARDO	<i>[Signature]</i>	966989
Rios	RAMON	<i>[Signature]</i>	ROSENDIN FLEC
PEREZ	JAVIER	<i>[Signature]</i>	BADGER BEARING
Lopez	MANUEL	<i>[Signature]</i>	BADGER BEARING
LINK	Ken	<i>[Signature]</i>	BADGER BEARING
GILBRIDE	ROBERT	<i>[Signature]</i>	818453
Grote	Richard	<i>[Signature]</i>	335347

INSTRUCTOR'S SIGNATURE: *[Signature]* DATE: 2/28/11

**** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in WEAP.**

**CONDITION OF CERTIFICATION
BIO-2**

**Russell City Energy Center
Monthly Compliance Report #7
February 2011**

Russell City Energy Center

MONTHLY BIOLOGICAL COMPLIANCE REPORT

February, 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 February included foundation preparation including pile driving, installation of construction site offices and excavation and installation of electrical utility lines on the project site. Monitoring by the designated biologist, Russell Huddleston, during the month was limited to a single site visit on February 16, 2011. No biological activity was evident on the site other than occasional birds including gulls, mallards and sparrows flying overhead, perched on the perimeter fence and occasionally on site. A variety of shorebirds and waterfowl were noted in the drainage canal outside of the southwest corner of the site. No dead or injured wildlife were observed or reported during the month of February.

In general little biological activity was noted on the site during the month of February. A cumulative list of wildlife species observed on and around the project site through the Month of February is provided in Table A.

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

Common Name	Scientific Name	Comments
• BIRDS		
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>Anus platyrhynchos</i>	Observed in open stormwater channel west of RCEC site
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

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

Common Name	Scientific Name	Comments
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
MAMMALS		
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.
REPTILES		
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 #7
February 2011**

Russell City Energy Center Monthly Compliance Reports (MCRs)

Soil & Water – 1

February 1 – February 28, 2011

Drainage, Erosion and Sediment Control Measures

On-going adjustments to BMP's were implemented in February; the work included perimeter silt fence, straw waddles placed at the construction sediment pond # 1 and Depot Rd entranced fugitive dust management included daily street sweeper.

Site Conditions and Weather

Above normal temperatures in February, along with the following precipitation events, were noted during the month.

- Monthly Weather: Rainfall/precipitation in February 2011 was below normal at 2.85 inches, which is - 0.85 inches below the average month total of **3.7 inches. (**Hayward Regional Airport)
- Temperatures for the month of February 2011 averaged 51.9 ° (0.01°) with daytime highs averaging **60.0° and overnight lows averaging 41.8 ° (** avg. temp established at the Hayward Regional Airport)

Precipitation events:

- 2/14 = 0.04"
- 2/15 = 0.07"
- 2/16 = 0.7"
- 2/17 = 0.51"
- 2/18 = 0.55"
- 2/19 = 0.36"
- 2/24 = 0.32"
- 2/25 = 0.32"

February precipitation total = 2.85"

Monitoring and Maintenance Activities

Minor maintenance and additional BMPs placed post rain events. Work included adding 6" straw waddles and additional erosion control fabric on slope along the south side of construction sediment pond # 1 and use of rock filter ditch check dams in drainage paths.

Russell City Energy Center Monthly Compliance Reports (MCRs)



(Construction sediment pond # 1)



(Modified perimeter BMPs along Depot Road)

Dewatering

Dewatering from power block sump, locally grade and selected areas of the project site. Water was drawn down two small 4.9 hp diesel engine driven centrifugal pump and single unit electrical pumps into one of two 10' x 10' sediment basin constructed on site.



(Storm water construction sediment pond # 1)

**CONDITION OF CERTIFICATION
CUL-2**

**Russell City Energy Center
Monthly Compliance Report #7
February 2011**

**CONDITION OF CERTIFICATION
CUL-4**

**Russell City Energy Center
Monthly Compliance Report #7
February 2011**



COURSE ROSTER

DATE: 2/28/11

COURSE ID: _____ COURSE TITLE: ES& H New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): GWAN H. BECHTEL ENVIR & WEAP / DANASMITH SAFER

LOCATION WHERE GIVEN: Bechtel Other (specify) _____

COURSE COMPLETION DATE: _____ COURSE LENGTH: _____

PRINT NAME		SIGNATURE	Company BECHTEL EMPLOYEE NO.
LAST	FIRST		
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DeCroix	Jon	<i>[Signature]</i>	Foundation
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Grote	Richard	<i>[Signature]</i>	335347

INSTRUCTOR'S SIGNATURE: *[Signature]* DATE: 2/28/11

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**CONDITION OF CERTIFICATION
CUL-6**

**Russell City Energy Center
Monthly Compliance Report #7
February 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: February 1st through February 6th, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of February 1st through February 6th, 2011, as required by Condition of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Phillip Reid and Sonia Sifuentes participated as CRMs for this week.

Monitoring and Associated Activities This Period

Monitoring of ground disturbance included the excavation of a temporary power trench and the removal of unsuitable fill soils in the warehouse area, all in the northern half of the RCEC plant site. Potholing along Depot Road continued.

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 Depot Road and along the temporary trailer area. Excavation of fire water and building footing excavations may begin at any time, 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: February 7th through February 13th, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of February 7th through February 13th, 2011, as required by Condition of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Phillip Reid and Sonia Sifuentes participated as CRMs for this week.

Monitoring and Associated Activities This Period

Monitoring of ground disturbance included the excavation of the apron for the main Depot Road entrance to the RCEC as well as associated potholing/utility locating in that vicinity.

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 Depot Road and along the temporary trailer area. Excavation of fire water and building footing excavations may begin at any time. Trenching for the installation of electrical lines on the Tompkins Parcel is expected to begin next week. Production pile driving is slated to begin on the 18th of February. 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: February 14th through February 20th, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of February 14th through February 20th, 2011, as required by Condition of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Phillip Reid participated as CRM for this week.

Monitoring and Associated Activities This Period

Monitoring of ground disturbance included the excavation of the apron for the main Depot Road entrance to the RCEC as well as associated potholing/utility locating in that vicinity. Production pile driving has also begun on the southern half of the RCEC plant site. Native sub-soils were encountered during pile driving. These appear to be modern fill to a depth of approximately 3 feet AMSL overlaying native soils consisting of blocky black silty clay and light gray brown silty clays that are generally intact depending on pre-fill topography.

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 Depot Road and along the temporary trailer area. Excavation of fire water and building footing excavations may begin at any time. Trenching for the installation of electrical lines on the Tompkins Parcel is expected to begin next week. 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: February 21st through February 27th, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of February 21st through February 27th, 2011, as required by Condition of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Phillip Reid and Sonia Sifuentes participated as CRMs for this week.

Monitoring and Associated Activities This Period

Monitoring of ground disturbance included the excavation of electrical vault pits on the Tompkins parcel and production pile driving in the southern half of the RCEC plant site. Native sub-soils were encountered during pile driving. These appear to be modern fill to a depth of approximately 3 feet AMSL overlaying native soils consisting of blocky black silty clay and light gray brown silty clays that are generally intact depending on pre-fill topography.

Cultural Resources Discoveries This Period

No new cultural resources discoveries were made this month.

Anticipated Changes in the Next Period

Excavation of fire water and building footing excavations may begin at any time as could electrical, foundation and duct bank work. 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: February 28th, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for February 28th, 2011, as required by Condition of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Phillip Reid and Sonia Sifuentes participated as CRMs for this week.

Monitoring and Associated Activities This Period

Monitoring of ground disturbance included the excavation of three entrance and/or exit pits for horizontal directional drilling (HDD) on the northern half of the RCEC plant site, as well as pile driving.

Cultural Resources Discoveries This Period

No new cultural resources discoveries were made this month.

Anticipated Changes in the Next Period

Excavation of fire water and building footing excavations may begin at any time as could electrical, foundation and duct bank work. 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 #7
February 2011**



COURSE ROSTER

DATE: 2/28/11

COURSE ID: _____ COURSE TITLE: ES& H New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): GWAN M. BECHTEL ENVIR & WEAP / DANASMITH SAFER

LOCATION WHERE GIVEN: Bechtel Other (specify) _____

COURSE COMPLETION DATE: _____ COURSE LENGTH: _____

PRINT NAME		SIGNATURE	COMPANY BECHTEL EMPLOYEE NO.
LAST	FIRST		
HANDEL	MICHAEL	<i>[Signature]</i>	TREADWELL & BOLLO / LARKIN
DeCroix	Jon	<i>[Signature]</i>	Foundation
LIZARDI	RICARDO	<i>[Signature]</i>	966989
Rios	RAMON	<i>[Signature]</i>	ROSENDIN FLEC
PEREZ	JAVIER	<i>[Signature]</i>	BADGER BEARING
Lopez	MANUEL	<i>[Signature]</i>	BADGER BEARING
LINK	Ken	<i>[Signature]</i>	BADGER BEARING
GILBRIDE	ROBERT	<i>[Signature]</i>	818453
Grote	Richard	<i>[Signature]</i>	335347

INSTRUCTOR'S SIGNATURE: *[Signature]* DATE: 2/28/11

**** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in WEAP.**

**CONDITION OF CERTIFICATION
PAL-4**

**Russell City Energy Center
Monthly Compliance Report #7
February 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: February 2011

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

Personnel Active in Paleontological Monitoring This Period

Personnel active in monitoring this month were:

Phil Reid
Sonia Sifuentes

Monitoring and Associated Activities This Period

Monitoring for paleontological resources, including days when a monitor was present but no excavations ensued, occurred on the following days:

Tuesday, February 1 through Friday, February 4
Monday, February 7 through Friday, February 11
Monday, February 14 through Friday, February 18
Tuesday, February 22 through Friday, February 25
Monday, February 28

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 March 2011.

Comments, Issues or Concerns

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

**CONDITION OF CERTIFICATION
TRANS-9**

**Russell City Energy Center
Monthly Compliance Report #7
February 2011**



CITY OF HAYWARD
PERMIT

TAKEN BY: DATE: 2/24/2011
ISSUED BY: johnn DATE:
PERMIT NO.: PL-2011-0070

APPLICANT: BECHTEL POWER CORP
5275 WESTVIEW DR
FREDERICK, MD 21703
CONTRACTOR: BECHTEL
301 HOWARD
SAN FRANCISCO, CA 94105
OWNER: RUSSELL, CITY ENERGY CO LLC
3878 HOPYARD RD
PLEASANTON, CA 94588

Project Location:
3862 DEPOT RD
Contact Name & Telephone:
Otis Drinkard (510) 732-6059

PAID
MAR 02 2011
REVENUE OFFICE

THE APPLICANT HEREBY APPLIES FOR PERMISSION TO:

Sanitary Sewer lateral connection to existing SS main in Depot Road, approximately 10 feet in the right-of-way. Provide a copy of receipt of sewer connection fees.

THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:

- 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 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.

APPLICANT



CITY OF HAYWARD

PERMIT

TAKEN BY:	DATE: 2/24/2011
ISSUED BY: johnn	DATE:
PERMIT NO.: PL-2011-0070	

- 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: \$ 588.00

ACCOUNT: 100-2711-4815

4-27
100-1502-4408-001 161
\$588

APPROVED BY:

Denny Soloy 3/2/11
Public Works Date



APPROVED

Otis Drinkard 2/28/11
Otis Drinkard DATE
EN 339206



CITY OF HAYWARD
ENCROACHMENT PERMIT APPLICATION

Taken by: JPN Permit Number: PL-2011-0070 Permit Fee: \$ 588.00
Owner: RUSSELL CITY ENERGY COMPANY LLC Phone No.: (713) 570-3508
Address: 717 TEXAS AVENUE, SUITE 1000 City: HOUSTON State: TX Zip: 77002
Contractor Name: BECHTEL POWER CORPORATION Phone No.: (301) 228-6000
Address: 5275 WESTVIEW DRIVE City: FREDERICK State: MD Zip: 21703
Contact Person's Name: OTIS DRINKARD Phone No.: (510) 732 6059
Applicant: OTIS DRINKARD Phone No.: (510) 732-6059
Contractor's License No.: 280964 Class: A-GENERAL

City Business License (Tax ID No.) 144615 Expiration Date: 12-31-11
Work Site location: 3862 DEPOT ROAD, HAYWARD, CA 94545
Date of anticipated work to be started: 2-24-11 to be completed: 4-22-11

Description of work (attached plans and details if available or as required):

In-site SANITARY SEWER LATERALS connects to existing SS main in Depot Road, approximately 40' +/- of 4"

(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)), 8 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))



CITY OF HAYWARD

PERMIT

TAKEN BY:	DATE: 2/24/2011
ISSUED BY: johnn	DATE:
PERMIT NO.: PL-2011-0070	

PERMIT NO.: PL-2011-0070

APPLICANT AGREES TO COMPLY WITH ALL OF THE APPLICABLE SECTIONS OF THE CITY OF HAYWARD MUNICIPAL CODE AND STANDARD SPECIFICATIONS.

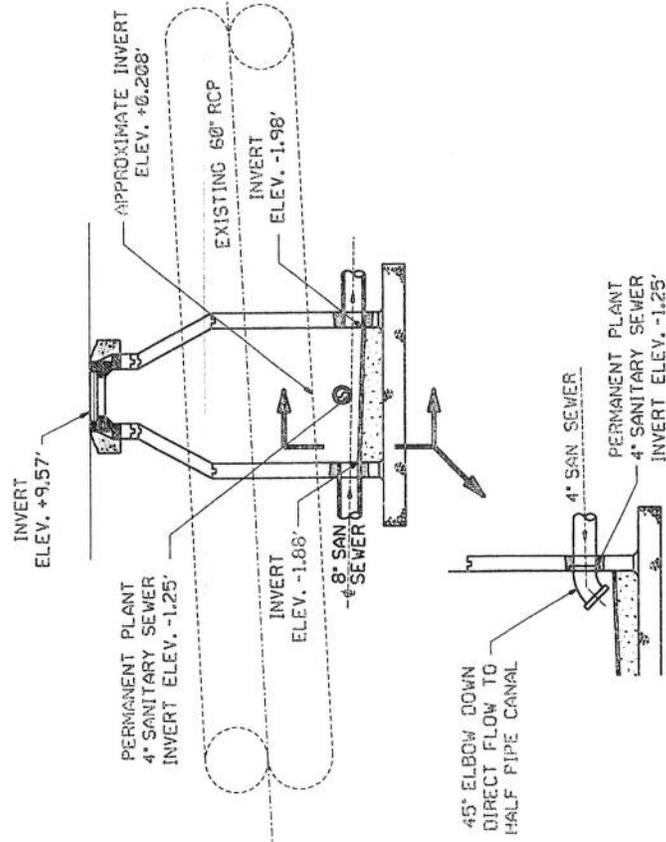
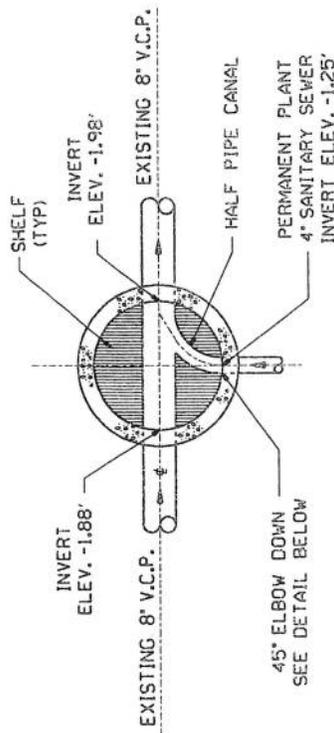
Ross Gompertz
x ROSS GOMPERTZ

3-2-11

Date

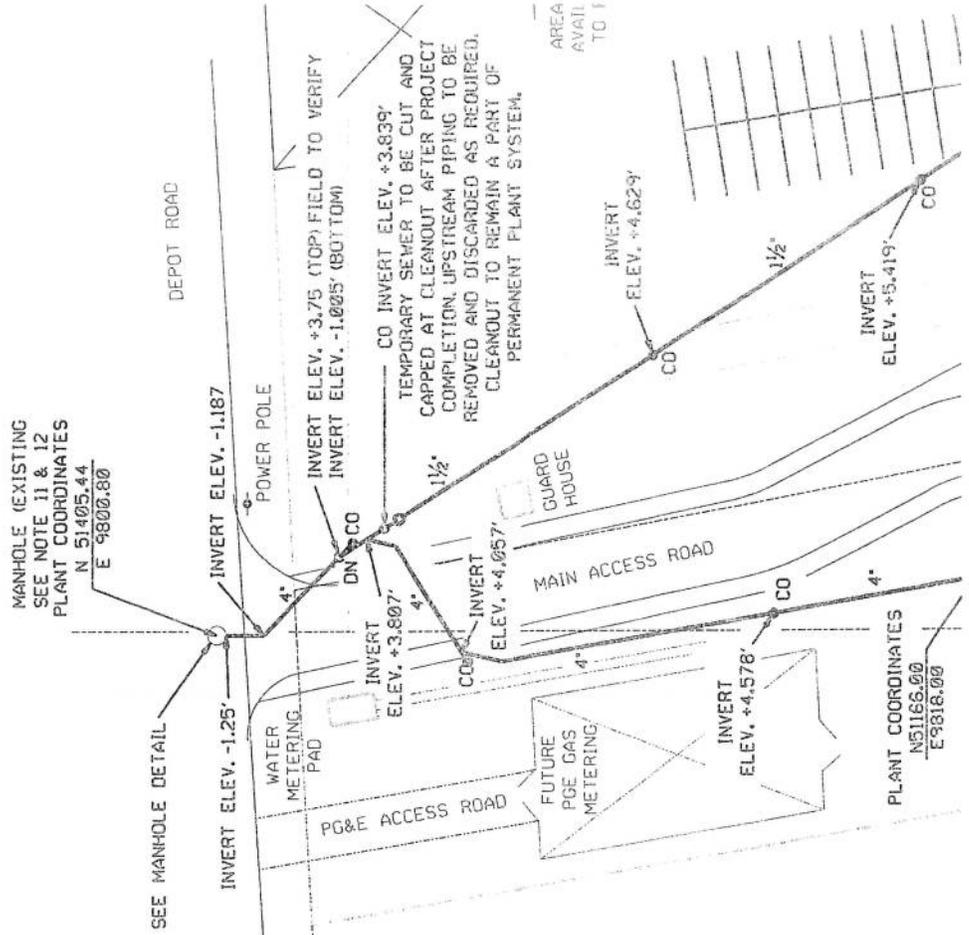
In consideration of the granting of this permit and other good and valuable consideration therefore, the undersigned intending to be legally bound does hereby for the undersigned and the heirs, executors, administrators and assigns of the undersigned agree to indemnify and hold harmless the City of Hayward, the members of the City Council and their agents, servants and employees and each of them, from and against liability for injury to or death of persons and/or liability for damage to property arising from any and all work herein permitted or, incidental thereto or which may arise from failure of permittee to perform the obligations of permittee under this permit, with respect to maintenance.

This is your receipt when machine-validated



MANHOLE DETAIL

NTS



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

**Russell City Energy Center
Monthly Compliance Report #7
February 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
AIR QUALITY																
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
CONDITIONS FOR THE COMMISSIONING PERIOD																
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
CONDITIONS FOR THE GAS TURBINES (S-1 & S-3) AND THE HRSGS (S-2 & S-4)																
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

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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

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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

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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

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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
PERMIT CONDITIONS FOR S-6 FIRE PUMP DIESEL ENGINE																
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																

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DESIGNATED BIOLOGIST DUTIES																	
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
DESIGNATED BIOLOGIST AUTHORITY																	
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
BIOLOGICAL RESOURCES MITIGATION IMPLEMENTATION AND MONITORING PLAN																	
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
WORKER ENVIRONMENTAL AWARENESS PROGRAM																	
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
FACILITY CLOSURE																	
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
CONSTRUCTION NOISE LEVELS																	
BIRD FLIGHT DIVERTERS																	

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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	
CULTURAL RESOURCES																	
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
FACILITY DESIGN																	

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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

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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
GEOLOGICAL RESOURCES																
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
HAZARDOUS MATERIALS MANAGEMENT																
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

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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
LAND USE																
NOISE AND VIBRATION																
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
PALEONTOLOGICAL RESOURCES																
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
PUBLIC HEALTH																
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
SOCIOECONOMICS																
SOIL & WATER RESOURCES																
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
TRAFFIC AND TRANSPORTATION																
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
TRANSMISSION LINE SAFETY AND NUISANCE																	
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
TRANSMISSION SYSTEM ENGINEERING																	
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.	Prior 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
VISUAL RESOURCES																	
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 to 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

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
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
WASTE MANAGEMENT																
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

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
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
WORKER SAFETY AND FIRE PROTECTION																
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 geotech 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