

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

Monthly Compliance Report #10  
May 1 – May 31, 2011

1. Project Construction Status

Several significant milestones were achieved in the field this month. The pile driving activity was completed in early May. In addition, the HRSG 2 foundation was formed and pipe under the slab was installed, hydro tested, and backfilled in preparation for the start of bottom mat rebar. The first phase of the circulating water pipe was delivered and set in place and the Area 1 underground pipe was successfully hydro tested and backfill has commenced.

During the month of May, the crane used to install circulating water pipe experienced issues with the computer control system due to RF interference. Bechtel and the crane manufacturer mobilized to address the controls issue and after a week of troubleshooting were able to get the crane working after installing a new wireless control system on the crane. Bechtel has added a full time RF safety engineer and personnel on site continue training on the safety issues related to work in a high RF energy field. Bechtel, RCEC, and their RF consultants held a joint teleconference in late May to discuss ongoing mitigation of RF effects on cranes and work operations.

The Bechtel direct hire effort continues to increase in activity with 83 union craft on the payroll as of May 26. Construction presence on the design team continues to support engineering and procurement regarding scheduling, sequencing and constructability.

Work Completed:

- Hydro of area 1 underground pipe
- Hydro of HRSG 2 pipe under slab
- Backfill of the HRSG 2 under slab pipe
- Excavation of circ water pipe at the condenser
- Set first piece of circ water pipe
- Production pile driving
- Connection of construction facilities to city potable water
- Installation of the nonmanual parking lot
- Installation of the temporary power system
- Stairs and decks around construction trailers
- Installation of the main access gate
- Installed center dowel in the HRSG foundation piles
- Set manholes #2 and #3
- Excavated the overburden between the piles on the HRSG foundations and the STG foundations

Work in Progress:

- Installation of permanent underground utilities (ongoing)
- Preparation of the HRSG 2 foundation for concrete pour
- Installation of sumps and manholes
- Installation of circulating water pipe
- Installation of sheet piling for the forebay
- Lime treating of excavation spoils for use as backfill
- Miscellaneous fencing
- Receiving of underground utility material
- Dewatering as required by SWPP

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. No special inspectors were 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	Statement of LORS compliance from the responsible engineer(s) is attached.	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	Statement of LORS compliance from the responsible engineer(s) is attached.	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 65 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	N/A. There were no encroachment permits obtained during the reporting period.
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

No permits were obtained from other agencies during the reporting period.

8. Projection of compliance activities for June 2011 – July 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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**CEC No. 01-AFC-07C  
RUSSELL CITY ENERGY CENTER  
CBO SUBMITTALS LIST**

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
10	CIVIL-1	CIVIL-1 CE02 (REV1) (110427)	25483-000-3PS-CE02-00001	2	Technical Specification for the Excavation, Backfill and Compaction of Trenches for Pipes, Electrical Ducts and Other Underground Utilities	Specification	Civil		04/27/11	RK	GAKG-00322	5/18/11	5/12/11		5/12/11	Approved
11	CIVIL-1	CIVIL-1 CE02 (REV0) (110405)	25483-000-3PS-CE02-00001	1	Technical Specification for the Excavation, Backfill and Compaction of Trenches for Pipes, Electrical Ducts and Other Underground Utilities	Specification	Civil		04/05/11	RK	GAKG-00281	4/26/11	4/22/11 Superseded by REV1	4/27/11		CBO comments rec'd zipped with doc in IW and distributed 4/25
12	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
13	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	9/17/10 Superseded by Rev 1		Superseded	<b>SUPERSEDED BY REV 1 - PER CBO TRACKING LOG 9/24/10</b>
14	CIVIL-1	CIVIL-1 DB02 (REV0) (101007)	25483-000-3PS-DB02-00001	0	TECHNICAL SPECIFICATION FOR CONCRETE WORK	Specification	Civil		10/07/10	RK	GAKG-00043	10/21/10	11/2/10		11/1/10	Approved
15	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-00020	9/20/10	9/21/10		9/21/10	Approved
16	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	4/27/11		4/27/11	Approved
17	CIVIL-1		25483-000-3PS-NNP0-XXXXX		STANDARD SPECIFICATION FOR EXTERNAL THERMAL INSULATION AND LAGGING		Plant Design	Q1, 2011								
18	CIVIL-1		25483-000-3PS-NNP0-XXXXX		PROJECT SPECIFICATION FOR STEAM TURBINE EXTERNAL THERMAL INSULATION AND LAGGING		Plant Design	Q1, 2011								
19	CIVIL-1		25483-000-3PS-NX00-XXXXX		TECHNICAL SPECIFICATION FOR EXTERNAL COATING OF BURIED PIPELINES		Plant Design	Q1, 2011								
20	CIVIL-1		25483-000-3PS-PS02-XXXXX		STANDARD SPECIFICATION FOR FIELD FABRICATION AND INSTALLATION OF PIPING		Plant Design	Q1, 2011								
21	CIVIL-1	CIVIL-1 SY01 (REV1) (101207)	25483-000-3PS-SY01-00001	3	TECHNICAL SPECIFICATION FOR MATERIAL TESTING SERVICES FOR CONCRETE AND EARTHWORK	Specification	Civil		12/07/10	RK	GAKG-00098	12/14/10	4/27/11		4/27/11	Approved
22	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
23	CIVIL-1	CIVIL-1 SY01 (REV0) (101007)	25483-000-3PS-SY01-00001	2	TECHNICAL SPECIFICATION FOR MATERIAL TESTING SERVICES FOR CONCRETE AND EARTHWORK	Specification	Civil		10/07/10	RK	GAKG-00042	10/21/10	11/02/10		11/2/10	Approved
24	CIVIL-1		25483-000-3PS-PH06-XXXXX		TECHNICAL SPECIFICATION - FIELD DESIGN, FABRICATION AND INSTALLATION OF PIPE SUPPORTS		Plant Design	Q1, 2011								
25	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
26	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	2/17/11 Superseded by REV2	2/15/11		Verbal comment by Lowell Brown to Kevin Kidd for one doc in pkg from William Scotsman revised. Resubmit without CBO returning comment response
27	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)
28	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)
29	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)
30	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
31	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
32	CIVIL-1		25483-000-CD-0100-00001		STORM WATER DRAINAGE PLAN		Civil	3/30/11								

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33	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
34	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
35	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)
36	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
37	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
38	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
39	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)
40	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
41	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
42	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
43	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)
44	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	
45	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
46	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
47	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
48	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)
49	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	
50	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
51	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
52	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)
53	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			
54	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

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GEN2-0004 (REV 11)

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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
55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	CIVIL-1		25483-000-CPR-GCE-00001		PILE LOAD TEST REPORT - GEOTECHNICAL & HYDRAULIC ENGINEERING SERVICES		Civil	12/15/10								
63	CIVIL-1		25483-000-CS-0010-00001		FINISH GRADNG PLAN	Grading Plan	Civil	4/30/11								
64	CIVIL-1		25483-000-CS-0010-00002		FINISH PAVING PLAN	Paving Plan	Civil	4/30/11								
65	CIVIL-1		25483-000-CS-0090-00002		FINISH GRADING SECTIONS AND DETAILS	Grading Sections & Details	Civil	4/30/11								
66	CIVIL-1		25483-000-CS-0090-00003		FINISH GRADING SECTIONS AND DETAILS	Grading Sections & Details	Civil	4/30/11								
67	CIVIL-1		25483-000-CS-0200-00001		MAIN ACCESS ROAD PLAN AND PROFILE		Civil	4/30/11								
68	CIVIL-1		25483-000-D0-0000-00001		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 1		Civil	10/21/10								
69	CIVIL-1		25483-000-D0-0000-00002		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 2		Civil	10/21/10								
70	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
71	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	2/17/11 Superseded by REV2			
72	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
73	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	2/17/11 Superseded by REV2			
74	CIVIL-1	CIVIL-1 P0K01 (REV2) (110215)	25483-000-G27-GEC-00002	0	TEMPORARY SEWER EJECTION PUMP - TRIPLE D	Reference Document	Civil		02/15/11		GAKG-00198	2/17/11	2/17/11		2/17/11	Approved - Sealed Doc Sealed Doc submitted as a referenced doc
75	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	2/17/11 Superseded by REV2			
76	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
77	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
78	CIVIL-1		25483-000-D0-0000-00003		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 3		Civil	10/21/10								
79	CIVIL-1	CIVIL1-GEO2 (REV3) (110114)	25483-000-K0C-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
80	CIVIL-1	CIVIL1-GEO1 (REV2) (110106)	25483-000-K0C-0000-00003	0	LIQUEFACTION POTENTIAL AND DYNAMIC SETTLEMENT CALCULATION	Calculation	Civil		01/06/11		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

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
81	CIVIL-1	CIVIL-1 GE01 (REV1) (110103)	25483-000-KOC-0000-00003	0	LIQUEFACTION POTENTIAL AND DYNAMIC SETTLEMENT CALCULATION	Calculation	Civil		01/03/11	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)
82	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
83	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
84	CIVIL-1		25483-000-D0-0000-00004		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 4		Civil	10/21/10								
85	CIVIL-1	CIVIL-1 CE01 (REV2) (100823)	25483-000-KOC-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
86	CIVIL-1	CIVIL-1 CE01 (REV0) (100720)	25483-000-KOC-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	
87	CIVIL-1		25483-000-G27-GEK-00002	A	ENGINEERING GEOLOGY REPORT		Civil	08/10/10								
88	CIVIL-1		25483-000-KOC-7400-00001		STORM WATER MANAGEMENT BASIN SIZING CALCULATION		Civil	Q3, 2010								
89	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
90	CIVIL-1	CIVIL-1 P0K01 (REV1) (110203)	25483-000-P0K-0000-00001	C	CONSTRUCTION FACILITY PLOT PLAN	Drawing REFERENCE DOCUMENT	Plant Design		02/03/11		GAKG-00178	2/8/11	2/17/11 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
91	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
92	CIVIL-1		25483-000-KOC-7400-00003		STORM DRAIN SYSTEM DESIGN		Civil	4/30/10								
93	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
94	CIVIL-1	CIVIL-1 P0K01 (REV1) (110203)	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	2/17/11 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
95	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
96	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
97	CIVIL-1	CIVIL-1 P0K01 (REV1) (110203)	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	2/17/11 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
98	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		07/27/10		GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
99	CIVIL-1	CIVIL-1 P103 (REV1) (110518)	25483-000-P1-7111-00001	0	GENERAL ARRANGEMENT RECYCLED WATER FACILITY PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT	Plant Design		05/18/11		GAKG-00378	6/8/11				
100	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	4/19/11		4/19/11	Reviewed for Reference Only
101	CIVIL-1	CIVIL-1 P103 (REV1) (110518)	25483-000-P1-7111-00002	0	GENERAL ARRANGEMENT RECYCLED WATER FACILITY PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT	Plant Design		05/18/11		GAKG-00378	6/8/11				

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GEN2-0004 (REV 11)

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
102	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	4/19/11		4/19/11	Reviewed for Reference Only
103	CIVIL-1	CIVIL-1 P0K02 (REV0) (110228)	25483-000-G27-GEP-00003	0	HIGH DENSITY POLYETHYLENE PIPE FOR POTABLE WATER SERVICE FOR POTABLE WATER	Potable Water Document	Civil		02/28/11	EG	GAKG-00226	3/1/11	4/6/11			CBO Response - <u>HDPE for potable water is not allowed by the City of Hayward Municipal Code</u> - zipped with doc in IW and distrib NO ACTION REQUIRED
104	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
105	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
106	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		07/30/10		GAKG-00004	8/20/10	8/18/10		8/18/10	Reviewed for Referenced Only
107	CIVIL-1		25483-000-P0-		EMBEDDED AND UNDERGROUND PIPING - GENERAL NOTES AND STANDARD DETAILS		Plant Design	Q1, 2011								
108	CIVIL-1	Issued for City of Hayward Approval - Site	25483-000-P0K-0000-00003	C	CONSTRUCTION FACILITY POTABLE WATER & WASTEWATER PLAN	Drawing	Plant Design		02/22/11		Hand Carried to City for Approval					Hand carried to City of Hayward for approval for permit. (City required Mylar copy). City perceded to markup the mylar copy, kept for their files and issued the permit. We never got a copy of the changes the city made in order to issue the permit.
109	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT WATER TREATMENT AREA PLAN AT GRADE AND ABOVE		Plant Design	Q4, 2010								
110	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 - distributed 1/28/11 iNotification 000001458
111	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
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		07/27/10		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		07/27/10		GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
114	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		07/27/10		GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
115	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		07/27/10		GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
116	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		07/27/10		GAKG-00002	8/17/10	8/18/10		8/18/10	Reviewed for Referenced Only
117	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
118	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	8/17/10	8/18/10 Superseded by REV 1		8/18/10	Reviewed for Referenced Only
119	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, ADMINISTRATION / WAREHOUSE BLDG. AREA PLAN AT GRADE AND ABOVE		Plant Design	Q4, 2010								

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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
120	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, GAS METERING AND COMPRESSOR AREA PLAN AT GRADE AND ABOVE		Plant Design	Q4, 2010								
121	CIVIL-1		25483-000-P30-AB-XXXXX		LARGE BORE PIPING ISOMETRIC - MAIN STEAM SYSTEM (SAMPLE ISOMETRICS)		Plant Design	Q1, 2011								
122	CIVIL-1		25483-000-P30-AE-XXXXX		LARGE BORE PIPING ISOMETRIC - BOILER FEED WATER SYSTEM (SAMPLE ISOMETRICS)		Plant Design	Q1, 2011								
123	CIVIL-1		25483-000-P30-PW-XXXXX		LARGE BORE PIPING ISOMETRIC - POTABLE WATER SYSTEM		Plant Design	Q1, 2011								
124	CIVIL-1		25483-000-P30-XN-XXXXX		LARGE BORE PIPING ISOMETRIC - SANITARY DRAINS		Plant Design	Q1, 2011								
125	CIVIL-1		25483-000-P30-XW-XXXXX		LARGE BORE PIPING ISOMETRIC - WASTEWATER SYSTEM		Plant Design	Q1, 2011								
126	CIVIL-1		25483-000-P4-		UNDERGROUND PIPING COMPOSITE - FIRE PROTECTION SYSTEM		Plant Design	Q1, 2011								
127	CIVIL-1		25483-000-P6C-AB-XXXXX		STRESS CALCULATION FOR MAIN STEAM SYSTEM (SAMPLE)		Plant Design	Q1, 2011								
128	CIVIL-1		25483-000-P6C-AE-XXXXX		STRESS CALCULATION FOR BOILER FEED WATER (SAMPLE)		Plant Design	Q1, 2011								
129	CIVIL-1		25483-000-PHC-AB-XXXXX		PIPE SUPPORT DESIGN CALCULATIONS - MAIN STEAM SYSTEM (SAMPLE)		Plant Design	Q1, 2011								
130	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
131	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
132	CIVIL-1	CIVIL-1 P106 (REV0) (110330)	25483-000-P1-6101-00001	0	GENERAL ARRANGEMENT FUEL GAS COMPRESSOR AREA PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT	Plant Design		03/30/11		GAKG-00269	4/20/11	4/5/11			CBO Comment Response zipped with document in IW - Distrib - iNotification 000002757
133	CIVIL-1	CIVIL-1 P105 (REV0) (110330)	25483-000-P1-7111-00003	0	GENERAL ARRANGEMENT ZERO LIQUID DISCHARGE (ZLD) AREA - PLAN AT GRADE AND ABOVE	General Arrangement REFERENCE DOCUMENT	Plant Design		03/30/11		GAKG-00268	4/20/11	4/5/11			CBO comments rec'd zipped with doc in IW - distrib - iNotification 000002756
134	CIVIL-1		25483-000-PHC-AE-XXXXX		PIPE SUPPORT DESIGN CALCULATIONS - BOILER FEED WATER SYSTEM (SAMPLE)		Plant Design	Q1, 2011								
135	CIVIL-1		25483-000-PHJ-PH01-XXXXX		SMALL BORE NON-ANALYZED PIPE HANGERS AND SUPPORT NOTES, SYMBOLS AND DETAILS		Plant Design	Q1, 2011								
136	ELEC-1		25483-000-3DR-E001-00001		ELECTRICAL DESIGN CRITERIA		Electrical	Q3, 2010								
137	ELEC-1		25483-000-E0C-ES01-00001		LOAD FLOW AND SHORT CIRCUIT CALCULATION		Electrical	Q4, 2010								
138	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
139	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
140	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
141	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
142	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). <b>Superseded by Rev 1 (10/18/10)</b>
143	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
144	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

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Bechtel Job 25483

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145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	ELEC-1	ELEC-1 0010 (REV1) (110328)	25483-001-E1-EY-00001	1	SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT	Drawing	Electrical		3/28/11	KC	GAKG-00264	4/18/11	4/6/11		4/6/11	Approved
154	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
155	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
156	ELEC-1	ELEC-1 0010 (REV1) (110328)	25483-002-E1-EY-00001	1	SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT	Drawing	Electrical		3/28/11	KC	GAKG-00264	4/18/11	4/6/11		4/6/11	Approved
157	ELEC-1	ELEC-1 0012 (REV1) (110328)	25483-003-E1-EY-00001	1	Single Line Meter and Relay Diagram STG Generator and GSU Transformer	Drawing	Electrical		3/28/11	KC	GAKG-00264	4/18/11	4/6/11		4/6/11	Approved
158	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	2/24/11		2/24/11	Approved
159	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
160	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)
161	ELEC-1		25483-001-E3-1401-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- UNIT 1 CTG AREA		Electrical	Q3, 2011								
162	ELEC-1		25483-002-E3-1401-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- UNIT 2 CTG AREA		Electrical	Q3, 2011								
163	ELEC-1		25483-002-E3-6101-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- GAS COMPRESSOR AREA		Electrical	Q3, 2011								
164	ELEC-1	ELEC-1 0017 (REV0) (110428)	25483-000-E5-EY-00001	0	Logic Diagram Typical CTG Unit Generator Protection A	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		04/28/11		GAKG-00328	5/19/11	5/12/11		5/12/11	Reviewed for Reference Only
165	ELEC-1	ELEC-1 0017 (REV0) (110428)	25483-000-E5-EY-00002	0	Logic Diagram Typical CTG Unit Generator Protection B	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		04/28/11		GAKG-00328	5/19/11	5/12/11		5/12/11	Reviewed for Reference Only
166	ELEC-1	ELEC-1 0017 (REV0) (110428)	25483-000-E5-EY-00003	0	Logic Diagram Typical CTG GSU Transformer Protection A and B	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		04/28/11		GAKG-00328	5/19/11	5/12/11		5/12/11	Reviewed for Reference Only
167	ELEC-1	ELEC-1 0017 (REV0) (110428)	25483-000-E5-EY-00004	0	Logic Diagram Typical Unit Auxiliary Transformer Protection A and B	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		04/28/11		GAKG-00328	5/19/11	5/12/11		5/12/11	Reviewed for Reference Only
168	ELEC-1	ELEC-1 0017 (REV0) (110428)	25483-000-E5-EY-00005	0	Logic Diagram Typical Generator Circuit Breaker	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		04/28/11		GAKG-00328	5/19/11	5/12/11		5/12/11	Reviewed for Reference Only

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169	ELEC-1	ELEC-1 0017 (REV0) (110428)	25483-003-E5-EY-00001	0	Logic Diagram STG Unit Generator Protection A	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		04/28/11		GAKG-00328	5/19/11	5/12/11		5/12/11	Reviewed for Reference Only
170	ELEC-1	ELEC-1 0017 (REV0) (110428)	25483-003-E5-EY-00002	0	Logic Diagram STG Unit Generator Protection B	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		04/28/11		GAKG-00328	5/19/11	5/12/11		5/12/11	Reviewed for Reference Only
171	ELEC-1	ELEC-1 0017 (REV0) (110428)	25483-003-E5-EY-00003	0	Logic Diagram STG GSU Transformer Protection A and B	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		04/28/11		GAKG-00328	5/19/11	5/12/11		5/12/11	Reviewed for Reference Only
172	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-EK-00001	0	LOGIC DIAGRAM TYPICAL 480 VOLT LOAD CENTER MAIN I/C BREAKER 52A	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
173	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-EK-00002	0	LOGIC DIAGRAM TYPICAL 480 VOLT LOAD CENTER TIE BREAKER 52C	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
174	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-EK-00003	0	LOGIC DIAGRAM TYPICAL 480 VOLT LOAD CENTER MAIN I/C BREAKER 52B	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
175	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-EK-00004	0	LOGIC DIAGRAM TYPICAL 480 VOLT LOAD CENTER FEEDER BREAKER 52D	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
176	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-ES-00001	0	LOGIC DIAGRAM 4.16kV SWITCHGEAR TYPICAL MAIN BREAKER 52A FROM UAT-1	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
177	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-ES-00002	0	LOGIC DIAGRAM 4.16 kV SWITCHGEAR TYPICAL TIE BREAKER 52C	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
178	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-ES-00003	0	LOGIC DIAGRAM 4.16kV SWITCHGEAR TYPICAL MAIN BREAKER 52B FROM UAT-2	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
179	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-ES-00004	0	LOGIC DIAGRAM 4.16kV SWITCHGEAR TYPICAL 480 VOLT L.C. TRANSFORMER FEEDER	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
180	ELEC-1	ELEC-1 0013 (REV0) (110228)	25483-000-E5-ES-00005	0	LOGIC DIAGRAM 4.16kV SWITCHGEAR TYPICAL MV MOTOR CONTRACTOR	Logic Diagram Drawing REFERENCE DOCUMENT	Electrical		2/28/11		GAKG-00223	3/21/11	3/10/11		3/10/11	Review for Reference Only
181	ELEC-1		25483-000-E4-3211-00001		ELECTRICAL EQUIPMENT LOCATION MAIN SWITCHGEAR BUILDING		Electrical	Q1, 2011								
182	ELEC-1		25483-000-E4-7211-00001		ELECTRICAL EQUIPMENT LOCATION COOLING TOWER SWITCHGEAR BUILDING		Electrical	Q1, 2011								
183	ELEC-1		25483-000-E8-0001-00001		ELECTRICAL LOAD LIST		Electrical	Q3, 2011								
184	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
185	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
186	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
187	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
188	ELEC-1		25483-000-EG-2001-00001		GROUNDING PLAN - STEAM TURBINE AND DEMIN AREA		Electrical	Q4, 2010								
189	ELEC-1		25483-000-EG-2001-00002		LIGHTNING PROTECTION PLAN - STEAM TURBINE AND DEMIN AREA		Electrical	Q4,2010								

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190	ELEC-1	ELEC-1 0018 (REV0) (110503)	25483-003-EG-2101-00001	0	GROUNDING PLAN STEAM TURBINE AREA AT GRADE AND BELOW GRADE	Drawing	Electrical		5/3/11	KC	GAKG-00336	5/24/11	5/17/11		5/17/11	Approved
191	ELEC-1	ELEC-1 0018 (REV0) (110503)	25483-003-EG-2101-00002	0	GROUNDING PLAN STEAM TURBINE AREA AT MEZZANINE & OPERATING FLOOR	Drawing	Electrical		5/3/11	KC	GAKG-00336	5/24/11	5/17/11		5/17/11	Approved
192	ELEC-1		25483-000-EG-3201-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- MAIN SWGR BUILDING		Electrical	Q1, 2011								
193	ELEC-1	ELEC-1 0021 (REV0) (110510)	25483-000-EG-6101-00001	0	Grounding Plan Fuel Gas Compressor Area	Drawing	Electrical		5/10/11		GAKG-00360	5/31/11				
194	ELEC-1		25483-000-EG-7101-00001		GROUNDING PLAN- WATER TREATMENT AREA		Electrical	Q1, 2011								
195	ELEC-1		25483-000-EG-7101-00002		LIGHTNING PROTECTION PLAN- WATER TREATMENT AREA		Electrical	Q1,2011								
196	ELEC-1		25483-000-EG-7102-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- TITLE 22 WATER TREATMENT AREA		Electrical	Q1, 2011								
197	ELEC-1	ELEC-1 0018 (REV0) (110503)	25483-000-EG-7201-00001	0	GROUNDING PLAN ZERO LIQUID DISCHARGE (ZLD) AREA	Drawing	Electrical		5/3/11	KC	GAKG-00336	5/24/11	5/17/11		5/17/11	Approved
198	ELEC-1	ELEC-1 0018 (REV0) (110503)	25483-000-EG-7201-00002	0	GROUNDING PLAN ZERO LIQUID DISCHARGE (ZLD) AREA	Drawing	Electrical		5/3/11	KC	GAKG-00336	5/24/11	5/17/11		5/17/11	Approved
199	ELEC-1	ELEC-1 0019 (REV0) (110504)	25483-000-EG-7201-00003	0	Grounding Plan Cooling Tower Area	Drawing	Electrical		5/4/11	KC	GAKG-00343	5/25/11	5/18/11		5/18/11	Approved
200	ELEC-1	ELEC-1 0019 (REV0) (110504)	25483-000-EG-7201-00004	0	Grounding Plan Cooling Tower Area	Drawing	Electrical		5/4/11	KC	GAKG-00343	5/25/11	5/18/11		5/18/11	Approved
201	ELEC-1	ELEC-1 0019 (REV0) (110504)	25483-000-EG-7201-00005	0	Grounding Plan Cooling Tower Area	Drawing	Electrical		5/4/11	KC	GAKG-00343	5/25/11	5/18/11		5/18/11	Approved
202	ELEC-1	ELEC-1 0021 (REV0) (110510)	25483-000-EG-7601-00001	0	Grounding Plan Demin Tank and Hydrogen Trailer Area	Drawing	Electrical		5/10/11		GAKG-00360	5/31/11				
203	ELEC-1	ELEC-1 0022 (REV0) (110518)	25483-000-EG-8101-00001	0	Grounding Plan Administration - Warehouse Building	Drawing	Electrical		5/18/11	KC	GAKG-00379	6/8/11				
204	ELEC-1	ELEC-1 0022 (REV0) (110518)	25483-000-EG-8101-00002	0	Grounding Plan Administration - Warehouse Building	Drawing	Electrical		5/18/11	KC	GAKG-00379	6/8/11				
205	ELEC-1		25483-001-EG-1101-00001		GROUNDING PLAN- UNIT 1 HRSG AREA		Electrical	Q4, 2010								
206	ELEC-1		25483-001-EG-1101-00002		LIGHTNING PROTECTION PLAN - UNIT 1 HRSG AREA		Electrical	Q4,2010								
207	ELEC-1	ELEC-1 0015 (REV0) (110408)	25483-001-EG-3301-00001	0	GROUNDING PLAN- UNIT 1 MAIN TRANSFORMER AREA	Drawing	Electrical		04/08/11	KC	GAKG-00286	4/29/11	4/20/11		4/20/11	Approved
208	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
209	ELEC-1		25483-001-EG-1401-00001		GROUNDING PLAN - UNIT 1 COMBUSTION TURBINE		Electrical	Q4, 2010								
210	ELEC-1		25483-001-EG-1401-00002		LIGHTNING PROTECTION PLAN - UNIT 1 COMBUSTION TURBINE		Electrical	Q4,2010								
211	ELEC-1		25483-002-EG-1101-00002		LIGHTNING PROTECTION PLAN- UNIT 2 HRSG AREA		Electrical	Q4,2010								
212	ELEC-1	ELEC-1 0016 (REV0) (110419)	25483-002-EG-1401-00001	0	GROUNDING PLAN - UNIT 2 COMBUSTION TURBINE	Drawing	Electrical		04/19/11	KC	GAKG-00312	5/10/11	5/3/11		5/3/11	Approved
213	ELEC-1		25483-002-EG-1401-00002		LIGHTNING PROTECTION PLAN - UNIT 2 COMBUSTION TURBINE		Electrical	Q4,2010								
214	ELEC-1	ELEC-1 0015 (REV0) (110408)	25483-002-EG-3301-00001	0	GROUNDING PLAN UNIT-2 CTG TRANSFORMER AREA	Drawing	Electrical		04/08/11	KC	GAKG-00286	4/29/11	4/20/11		4/20/11	Approved
215	ELEC-1	ELEC-1 0015 (REV0) (110408)	25483-003-EG-3301-00001	0	GROUNDING PLAN UNIT-3 STG TRANSFORMER AREA	Drawing	Electrical		04/08/11	KC	GAKG-00286	4/29/11	4/20/11		4/20/11	Approved
216	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
217	ELEC-1		25483-000-EGC-EG01-00001		SYSTEM GROUND GRID CALCULATION		Electrical	Q4, 2010								
218	ELEC-1		25483-000-EGJ-00001-00001		GROUNDING NOTES SYMBOLS AND DETAILS		Electrical	Q3, 2010								
219	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
220	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)
221	ELEC-1		25483-000-ELC-EL01-00001		LIGHTING ENERGY CALCULATIONS		Electrical	Q4, 2011								
222	ELEC-1		25483-000-EMC-EM01-00001		SETTINGS OF PROTECTIVE RELAYS ON 4.16KV SWITCHGEAR INCOMER, TIE AND TRANSFORMER FEEDERS		Electrical	Q1, 2012								
223	ELEC-1		25483-000-EMC-EM01-00002		SETTINGS OF PROTECTIVE RELAYS ON 4.16KV SWITCHGEAR MOTOR FEEDERS		Electrical	Q1, 2012								

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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
224	ELEC-1		25483-000-EMC-EM01-00003		SETTINGS OF PROTECTIVE RELAYS ON 480V LOAD CENTERS		Electrical	Q1, 2012								
225	ELEC-1		25483-000-EMC-EM01-00004		SETTINGS OF PROTECTIVE RELAYS FOR CTG		Electrical	Q2, 2012								
226	ELEC-1		25483-000-EMC-EM01-00005		SETTINGS OF PROTECTIVE RELAYS FOR STG		Electrical	Q2, 2012								
227	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								
228	ELEC-1	ELEC-1 0014 (REV0) (110323)	25483-000-EQ-0000-00001	1	SACRIFICIAL ANODE CATHODIC PROTECTION NOTES AND DETAILS	Notes & Details REFERENCE DOCUMENT	Electrical		3/23/11		GAKG-00256	4/13/11	4/6/11		4/6/11	Review for Reference Only
229	ELEC-1	ELEC-1 0014 (REV0) (110323)	25483-000-EQ-6101-00001	0	CATHODIC PROTECTION PLAN UNDERGROUND CARBON STEEL PIPE FUEL GAS COMPRESSOR AREA	Cathodic Protection Plan Drawings	Electrical		3/23/11	KC	GAKG-00256	4/13/11	4/6/11		4/6/11	Approved
230	ELEC-1	ELEC-1 0014 (REV0) (110323)	25483-000-EQ-8101-00001	0	CATHODIC PROTECTION PLAN UNDERGROUND CARBON STEEL PIPE SOUTH EAST OF ADMIN AREA	Cathodic Protection Plan Drawings	Electrical		3/23/11	KC	GAKG-00256	4/13/11	4/6/11		4/6/11	Approved
231	ELEC-1	ELEC-1 0014 (REV0) (110323)	25483-001-EQ-1401-00001	0	CATHODIC PROTECTION PLAN UNDERGROUND CARBON STEEL PIPE UNIT 1 CTG AND HRSG AREA	Cathodic Protection Plan Drawings	Electrical		3/23/11	KC	GAKG-00256	4/13/11	4/6/11		4/6/11	Approved
232	ELEC-1	ELEC-1 0014 (REV0) (110323)	25483-000-EQC-EQ-00001	0	CATHODIC PROTECTION CALCULATION	Calculation REFERENCE DOCUMENT	Electrical		3/23/11	KC	GAKG-00256	4/13/11	4/6/11		4/6/11	Review for Reference Only
233	ELEC-1	ELEC-1 0003 (REV0) (100921)	25483-000-ER-0000-00001	0	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
234	ELEC-1	ELEC-1 0003 (REV0) (100921)	25483-000-ER-0000-00002	0	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
235	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-6101-00001	0	Underground Raceway Plan Fuel Gas Compressor Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
236	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-6101-00002	0	Underground Raceway Plan Fuel Gas Compressor Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
237	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-6101-00003	0	Underground Raceway Plan Fuel Gas Compressor Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
238	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-6101-00004	0	Underground Raceway Plan Fuel Gas Compressor Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
239	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-6101-00005	0	Underground Raceway Plan Fuel Gas Compressor Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
240	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7101-00001	0	Underground Raceway Plan RWF Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
241	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7101-00002	0	Underground Raceway Plan RWF Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
242	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7101-00003	0	Underground Raceway Plan RWF Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
243	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7101-00004	0	Underground Raceway Plan RWF Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
244	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7101-00005	0	Underground Raceway Plan RWF Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
245	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7101-00006	0	Underground Raceway Plan RWF Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only

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246	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7201-00001	1	Underground Raceway Plan Zero Liquid Discharge Area Sheet 1	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
247	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7201-00002	0	Underground Raceway Plan Zero Liquid Discharge Area Sheet 2	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
248	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7201-00003	0	Underground Raceway Plan Zero Liquid Discharge Area Sheet 3	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
249	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7201-00004	0	Underground Raceway Plan Zero Liquid Discharge Area Sheet 4	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
250	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7201-00005	0	Underground Raceway Plan Cooling Tower Swichgear BLDG Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
251	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7201-00006	0	Underground Raceway Plan Cooling Tower	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
252	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7201-00007	0	Underground Raceway Plan Cooling Tower	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
253	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7201-00008	0	Underground Raceway Plan Cooling Tower	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
254	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-7601-00001	1	Underground Raceway Plan Demin Tank Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
255	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-8101-00001	1	Underground Raceway Plan Admin Bldg - Warehouse - West	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
256	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-000-ER-8101-00002	1	Underground Raceway Plan Admin Bldg - Warehouse - East	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
257	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-001-ER-1101-00001	1	Underground Raceway Plan Unit 1 HRSG Area - North	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
258	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-001-ER-1101-00002	1	Underground Raceway Plan Unit 1 HRSG Area - South	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
259	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-001-ER-1401-00001	0	Underground Raceways Plan Unit 1 Gas Turbine Area - North	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
260	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-001-ER-1401-00002	0	Underground Raceways Plan Unit 1 Gas Turbine Area - South	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
261	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-001-ER-1491-00001	0	Underground Raceway Sections And Details Unit 1 Gas Turbine Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
262	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-001-ER-3301-00001	0	Underground Raceway Plan Unit 1 CTG Transformer Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
263	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-002-ER-1101-00001	0	Underground Raceway Plan Unit 2 HRGC Area - North	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
264	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-002-ER-1101-00002	1	Underground Raceway Plan Unit 2 HRGC Area - South	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
265	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-002-ER-1401-00001	1	Underground Raceway Plan Unit 2 Gas Turbine Area - North	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
266	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-002-ER-1401-00002	0	Underground Raceway Plan Unit 2 Gas Turbine Area - South	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
267	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-002-ER-1491-00001	0	Underground Raceway Sections and Details Unit 2 Gas Turbine Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only

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268	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-002-ER-3301-00001	0	Underground Raceway Plan Unit 2 CTG Transformer Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
269	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-003-ER-2101-00001	0	Underground Raceway Plan Steam Turbine area - North	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
270	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-003-ER-2101-00002	0	Underground Raceway Plan Steam Turbine Area - South	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
271	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-003-ER-2101-00003	0	Underground Raceway Plan Steam Turbine Electrical Bldg Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
272	ELEC-1	ELEC-1 ER00 (REV0) (110512)	25483-003-ER-3301-00001	0	Underground Raceway Plan Unit 3 STG Transformer Area	Drawing Reference Document	Electrical		5/12/11		GAKG-00367	6/2/11	5/19/11		5/19/11	Reviewed for Reference Only
273	ELEC-1	ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00003	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 1 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/28/11	KC QP	GAKG-00220	3/21/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed
274	ELEC-1	ELEC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00003	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 1 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00220	3/18/11	2/28/11 Superseded by REV1			Correction to drawings to add add'l seal
275	ELEC-1	ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00004	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 2 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/28/11	KC QP	GAKG-00220	3/21/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed
276	ELEC-1	ELEC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00004	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 2 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00220	3/18/11	2/28/11 Superseded by REV1			Correction to drawings to add add'l seal
277	ELEC-1	ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00005	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 3 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/28/11	KC QP	GAKG-00220	3/21/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed
278	ELEC-1	ELEC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00005	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 3 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00220	3/18/11	2/28/11 Superseded by REV1			Correction to drawings to add add'l seal
279	ELEC-1	ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00006	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 4 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/28/11	KC QP	GAKG-00220	3/21/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed
280	ELEC-1	ELEC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00006	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 4 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00220	3/18/11	2/28/11 Superseded by REV1			Correction to drawings to add add'l seal
281	ELEC-1	ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00007	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 5 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/28/11	KC QP	GAKG-00220	3/21/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed
282	ELEC-1	ELEC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00007	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 5 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00220	3/18/11	2/28/11 Superseded by REV1			Correction to drawings to add add'l seal
283	ELEC-1	ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00008	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 6 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/28/11	KC QP	GAKG-00220	3/21/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed
284	ELEC-1	ELEC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00008	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 6 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00220	3/18/11	2/28/11 Superseded by REV1			Correction to drawings to add add'l seal
285	ELEC-1	ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00010	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 7 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/28/11	KC QP	GAKG-00220	3/21/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed
286	ELEC-1	ELEC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00010	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 7 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00220	3/18/11	2/28/11 Superseded by REV1			Correction to drawings to add add'l seal

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287	GEN-2		25483-000-3PS-CS01-00001		PAVING, BITUMINOUS, ROADS AND PARKING AREAS		Civil	4/30/11								
288	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
289	GEN-2	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	5/18/11		5/18/11	Reviewed for Reference Only
290	GEN-2	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
291	GEN-2	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	5/18/11		5/18/11	Reviewed for Reference Only
292	GEN-2		LIST		PROPOSED LIST OF DOCUMENTS FOR THE CTG EQUIPMENT FOR SIEMENS WESTINGHOUSE		PE	Q3, 2011								
293	GEN-2		LIST		PROPOSED LIST OF DOCUMENTS FOR THE STG EQUIPMENT FOR GENERAL ELECTRIC		PE	Q3, 2011								
294	GEN-2	GEN-2 0001 (REV1) (100727)	25483-000-G27-GEGC-00002	1	RESPONSE TO CBO COMMENTS ON 'RCEC - GEN-2 SUBMITTALS LIST 6-14-2010'	Master Drawing & Specification List	General		07/27/10		GAKG-00003	8/10/10	8/13/10			Comment Response Form to include Fire Safety During Construction and Demolition (chapter 14); Emergency Planning and Preparedness (Chapter 4)
295	GEN-2	GEN-2 0004 (REV9) (110422)	25483-000-G02-GGG-00011		RCEC CBO Submittals List 4-22-11	Submittals List	General		04/22/11		GAKG-00318	N/A	5/2/11			Reviewed for Reference Only
296	GEN-4	GEN-4 REM01 (REV0) (110311)	25483-000-G70-GCE-00001	0	RESIDENT ENGINEER'S MONTHLY REPORT FOR FEBRUARY, 2011	Monthly Report	RE		3/11/11	DG	GAKG-00243	4/1/11	3/15/11		3/15/11	Approved
297	GEN-4	GEN-4 REM02 (REV0) (110330)	25483-000-G70-GCE-00002	0	RESIDENT ENGINEER'S MONTHLY REPORT FOR SEPTEMBER, 2010	Monthly Report Reference Only	RE		3/30/11	DG	GAKG-00271	4/20/11	5/4/11		5/4/11	Reviewed for Reference Only - Reference Only (Per Lowell Brown) will not be reviewing the reports. See email from Don Gerken regarding Lowell Brown's email consenting to returning drawings stamped "For Review for Reference Only"
298	GEN-4	GEN-4 REM02 (REV0) (110330)	25483-000-G70-GCE-00003	0	RESIDENT ENGINEER'S MONTHLY REPORT FOR OCTOBER, 2010	Monthly Report Reference Only	RE		3/30/11	DG	GAKG-00271	4/20/11	5/4/11		5/4/11	Reviewed for Reference Only - Reference Only (Per Lowell Brown) will not be reviewing the reports. See email from Don Gerken regarding Lowell Brown's email consenting to returning drawings stamped "For Review for Reference Only"
299	GEN-4	GEN-4 REM02 (REV0) (110330)	25483-000-G70-GCE-00004	0	RESIDENT ENGINEER'S MONTHLY REPORT FOR NOVEMBER, 2010	Monthly Report Reference Only	RE		3/30/11	DG	GAKG-00271	4/20/11	5/4/11		5/4/11	Reviewed for Reference Only - Reference Only (Per Lowell Brown) will not be reviewing the reports. See email from Don Gerken regarding Lowell Brown's email consenting to returning drawings stamped "For Review for Reference Only"
300	GEN-4	GEN-4 REM02 (REV0) (110330)	25483-000-G70-GCE-00005	0	RESIDENT ENGINEER'S MONTHLY REPORT FOR DECEMBER, 2010	Monthly Report Reference Only	RE		3/30/11	DG	GAKG-00271	4/20/11	5/4/11		5/4/11	Reviewed for Reference Only - Reference Only (Per Lowell Brown) will not be reviewing the reports. See email from Don Gerken regarding Lowell Brown's email consenting to returning drawings stamped "For Review for Reference Only"
301	GEN-4	GEN-4 REM02 (REV0) (110330)	25483-000-G70-GCE-00006	0	RESIDENT ENGINEER'S MONTHLY REPORT FOR JANUARY, 2011	Monthly Report Reference Only	RE		3/30/11	DG	GAKG-00271	4/20/11	5/4/11		5/4/11	Reviewed for Reference Only - Reference Only (Per Lowell Brown) will not be reviewing the reports. See email from Don Gerken regarding Lowell Brown's email consenting to returning drawings stamped "For Review for Reference Only"
302	GEN-4	GEN-4 REM03 (REV0) (110413)	25483-000-G70-GCE-00007	0	RESIDENT ENGINEER'S MONTHLY REPORT FOR MARCH, 2011	Monthly Report Reference Only	RE		4/13/11	DG	GAKG-00303	5/4/11	5/4/11		5/4/11	Reviewed for Reference Only - Reference Only (Per Lowell Brown) will not be reviewing the reports. See email from Don Gerken regarding Lowell Brown's email consenting to returning drawings stamped "For Review for Reference Only"

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
303	GEN-4	GEN-4 0001 (REV0) (110331)	25483-000-GPE-GXA-00004	1	ROBB KRUMPEN - RESUME (BECHTEL) - NEW RESIDENT ENGINEER	Resume	RE		3/31/11		GAKG-00273	4/21/11	4/4/11		4/4/11	Approved
304	GEN-5	GEN-5 PE05 (REV1) (110219)	25483-000-G27-GECS-00054	1	STEPHEN ELLIOTT - RESUME (SIEMENS) - STRUCTURAL DESIGN/CALCS, HVAC DETAIL, ELECTRICAL	Resume	Mechanical		2/19/11		GAKG-00210	03/12/11	3/1/11		03/01/11	Approved
305	GEN-5	GEN-5 PE05 (REV0) (101124)	25483-000-G27-GECS-00054	0	STEPHEN ELLIOTT - RESUME (SIEMENS)	Resume	Mechanical		11/24/10		GAKG-00087	12/15/10	12/16/10 Superseded by REV1	2/19/11		CBO Requests confirmation of Registration number for Registered Engineer in the State of Calif. iNotification sent to RCEC 12/17/10
306	GEN-5	GEN-5 0001 (REV0) (100724)	25483-000-GPE-GXA-00002	0	CHRIS LOY, RPE MECHANICAL ENGINEER (BECHTEL) MECHANICAL PLANT SYSTEMS INCLUDING P&IDs	Resume	PE	Q2, 2010	07/02/10			07/15/10	07/15/10		07/15/10	Approved
307	GEN-5	GEN-5 0001 (REV0) (100724)	25483-000-GPE-GXA-00003	0	DON GERKEN - RESUME (BECHTEL) - RPE/ RFE RESIDENT FIELD ENGINEER - GEOTECHNICAL ENGINEERING, PILING, EARTHWORKS INCLUDING GRADING AND DRAINAGE	Resume	PE	Q2, 2010	07/02/10			07/15/10	07/15/10		07/15/10	Approved
308	GEN-5	GEN-5 0001 (REV0) (100724)	25483-000-GPE-GXA-00004	0	ROBB KRUMPEN - RESUME (BECHTEL) RPE CIVIL/STRUCTURAL ENGINEER (BECHTEL) - RESPONSIBLE FOR: 1. Grading and earthwork, including finish grading, paving, roadwork, storm water drainage, permitting support. 2. Technical Specifications and structural standard details 3. RCEC backup Civil RPE for the duration of the project	Resume	PE	Q2, 2010	07/02/10			07/15/10	07/15/10		07/15/10	Approved
309	GEN-5	GEN-5 0001 (REV1) (100809)	25483-000-GPE-GXA-00006	0	KOUSHIK CHANDA - RESUME (BECHTEL) ELECTRICAL RESPONSIBLE ENGINEER - RESPONSIBLE FOR ELECTRICAL SYSTEM DESIGNS, INCLUDING GROUNDING AND LIGHTING	Resume	Electrical		08/09/10		GAKG-00008	8/23/10	08/23/10		08/23/10	Approved
310	GEN-5	GEN-5 PEO1 (REV0) (100921)	25483-000-GPE-GXA-00008	0	JAMES THOMPSON - RESUME (SIEMENS) - BIOGRAPHICAL INFORMATION	Resume	Mechanical		9/21/10		GAKG-00024	10/4/10	9/24/10		9/24/10	Approved
311	GEN-5	GEN-5 NE01 (REV0) (101011)	25483-000-GPE-GXA-00019	0	RYAN S. BURKHARDT - RESUME (NOOTER-ERIKSEN) HRSG CIVIL/STRUCTURAL	Resume	Mechanical		10/11/10		GAKG-00040	10/25/10	10/28/10		10/28/10	Approved
312	GEN-5	GEN-5 FCI01 (REV0) (101026)	25483-000-GPE-GXA-00020	0	JERRY LUCZENCZYN - RESUME (FOUNDATON CONSTRUCTORS) - PRESTRESSED CONCRETE PILE RPE	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  <b>Approved</b>
313	GEN-5	GEN-5 0002 (REV0) (101102)	25483-000-GPE-GXA-00021	0	QIN PAN - RESUME (BECHTEL) CIVIL ENGINEER - MISCELLANEOUS SUPPORT STEEL INCLUDING CABLE TRAY SUPPORTS, PIPE SUPPORTS & PLATFORMS	Resume	Civil		11/02/10		GAKG-00053	11/16/10	11/12/10		11/12/10	Approved
314	GEN-5	GEN-5 PE02 (REV0) (101110)	25483-000-GPE-GXA-00022	0	JAMES POREBSKI - RESUME (SIEMENS) - CT Mechanical Package Structure	Resume	Mechanical		11/10/10		GAKG-00062	12/1/10	12/16/10		12/16/10	Approved
315	GEN-5	GEN-5 (REV0) (101116)	25483-000-GPE-GXA-00024	0	NEIL MOORE - RESUME (SIEMENS) - AMERICAN FIRE PE	Resume	Mechanical		11/16/10		GAKG-00066	12/7/10	12/16/10		12/16/10	fdf file and Digital Certification Validation Form Emailed to Michelle Masterman 11-16-10. Resume uploaded to Basecamp 11-16-10
316	GEN-5	GEN-5 0003 (REV0) (101220)	25483-000-GPE-GXA-00034	0	ESWARA GOLLAPUDI - RESUME (BECHTEL) PLANT DESIGN ENGINEER - WILL BE SEALING PIPING STRESS DESIGN	Resume	PD		12/20/10		GAKG-00111	1/10/11	12/21/10		12/21/10	Approved
317	GEN-5	GEN-5 GE01 (REV1) (110111)	25483-000-GPE-GXA-00035	0	CHRIS S. WARNER - RESUME (GE) - CIVIL ENGINEER - as of 3/24/11 Chris Warner will be sealing for GE (Steam Turbine Generator -all) and Siemens (CT Enclosure Structure)	Resume	Mechanical		01/11/11		GAKG-00137	2/1/11	1/26/11		01/26/11	Approved

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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

Project Address: 3862 Depot  
Road, Hayward, CA 94545

Bechtel Job 25483

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318	GEN-5	GEN-5 GE01 (REV0) (101223)	25483-000-GPE-GXA-00035	0	CHRIS S. WARNER - RESUME	Resume	Mechanical		12/23/10		GAKG-00120	1/13/11	12/29/10 Superseded by REV1	1/11/11		CBO Comments zipped with document in IW and notified Client
319	GEN-5	GEN-5 PE07 (REV1) (110317)	25483-000-GPE-GXA-00036	1	RAAFAT SHEHATA - RESUME (SIEMENS) Responsible for sealing documents pertaining to the Inlet Air Structure supplied by Pneumafill	Resume	Mechanical		03/17/11		GAKG-00249	4/7/11	03/29/11		03/29/11	Approved
320	GEN-5	GEN-5 PE07 (REV0) (110103)	25483-000-GPE-GXA-00036	0	RAAFAT SHEHATA - RESUME (SIEMENS)	Resume	Mechanical		01/03/11		GAKG-00121	1/24/11	1/17/11	3/17/11		CBO Comments zipped with doc in IW and distributed to client for Response to Plan Check Comments
321	GEN-5	GEN-5 HPP01 (REV2) (110411)	25483-000-GPE-GXA-00046	0	HUGH MARTIN - RESUME (HANSON) - CIRCULATING WATER PIPE/STRUCTURAL ENGINEER - RESPONSIBLE FOR BUOYANCY CALCULATIONS, PIPE DESIGN (UDP) AND THRUST RESTRAINT CALCULATIONS	Resume	Civil		04/11/11		GAKG-00289	5/2/11	4/19/11		04/19/11	Approved
322	GEN-5	GEN-5 HPP01 (REV1) (110207)	25483-000-GPE-GXA-00046	0	HUGH MARTIN - RESUME (HANSON) - CIRCULATING WATER PIPE/STRUCTURAL ENGINEER - RESPONSIBLE FOR BUOYANCY CALCULATIONS, PIPE DESIGN (UDP) AND THRUST RESTRAINT CALCULATIONS	Resume	Civil		2/7/11		GAKG-00186	2/28/11	2/22/2011 Superseded by REV2	04/11/11		CBO comments zipped with doc in IW - distrib to RE & uploaded to eRoom for Hanson's retrieval
323	GEN-5	GEN-5 HPP01 (REV0) (110119)	25483-000-GPE-GXA-00046	0	HUGH MARTIN - RESUME (HANSON)	Resume	Civil		01/19/11		GAKG-00157	2/9/11	1/26/2011 Superseded by REV1	2/7/11		CBO comments zipped with doc in IW & distrib to RE
324	GEN-5	GEN-5 0004 (REV1) (110202)	25483-000-GPE-GXA-00051	1	AJAY MALHOTRA RESUME (BECHTEL) - CIVIL ENGINEER Responsible for all Bechtel initiated foundation & superstructure steel / concrete designs. With reference to GEN-5 condition responsible for segment C. 1. Be directly responsible for the design of the proposed structures and equipment supports; 2. Provide consultation to the RE during design and construction of the project; 3. Monitor const. progress to ensure compliance with engineering LORS; 4. Evaluate and recommend necessary changes in design; & 5. Prepare and sign all major building plans, specs and calculations.	Resume	Civil		2/2/11		GAKG-00177	2/8/11	2/9/11		2/9/11	Approved
325	GEN-5	GEN-5 0004 (REV0) (110128)	25483-000-GPE-GXA-00051	0	AJAY MALHOTRA - RESUME (BECHTEL) 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
326	GEN-5	GEN-5 TW01 (REV1) (110225)	25483-000-GPE-GXA-00052	1	ISAO KAWASAKI - RESUME (TRENWA) - WILL BE SEALING ELECTRICAL PRECAST TRENCH DESIGN	Resume	PE		2/25/11		GAKG-00219	03/18/11	3/1/11		03/01/11	Approved
327	GEN-5	GEN-5 TW01 (REV0) (110217)	25483-000-GPE-GXA-00052	0	ISAO KAWASAKI - RESUME (TRENWA)	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
328	GEN-5	GEN-5 0005 (REV0) (110304)	25483-000-GPE-GXA-00055	0	BABANNA BIRADAR - RESUME (BECHTEL) MECHANICAL ENGINEER - WILL BE SEALING FIRE PROTECTION SYSTEM DOCUMENTS	Resume	Mechanical		3/4/11		GAKG-00234	3/25/11	3/15/11		03/15/11	Approved
329	GEN-5	GEN-5 PE06 (REV1) (110228)	25483-000-G27-GECS-00056	0	JOSEPH LUCCA - RESUME (SIEMENS) - ELECTRICAL BUS SUPPORTS AND FOUNDATION LOADING	Resume	Mechanical		2/28/11		GAKG-00222	3/21/11	3/1/11		3/1/11	Approved
330	GEN-5	GEN-5 PE06 (REV0) (101216)	25483-000-G27-GECS-00056	0	JOSEPH LUCCA - RESUME (SIEMENS) - ELECTRICAL BUS SUPPORTS AND FOUNDATION LOADING	Resume	Mechanical		12/16/10		GAKG-00109	1/6/11	12/28/10 Superseded by REV1	2/28/11		Comments placed in eRoom for Client and zipped with document in IW & client notified
331	GEN-5	GEN-5 GEW02 (REV1) (110405)	25483-000-GPE-GXA-00065	1	ROGER HEERINGA - RESUME (GE - MEVV) - LEAD - Zero Liquid Discharge System	Resume	Mechanical		4/5/11		GAKG-00279	4/26/11	4/8/11		4/8/11	Approved
332	GEN-5	GEN-5 GEW02 (REV0) (110315)	25483-000-GPE-GXA-00065	0	ROGER HEERINGA - RESUME (GE - MEVV) - LEAD - Zero Liquid Discharge System	Resume	Mechanical		3/15/11		GAKG-00244	4/5/11	3/22/11			Comments zipped with document in IW and uploaded to eRoom for Vendor response iNotification 000002493 uploaded to eRoom 3/28/11
333	GEN-5	GEN-5 GEW02 (REV1) (110405)	25483-000-GPE-GXA-00066	1	TOM XIA - RESUME (GE - MEVV) WATER TREATMENT AND ZLD AREAS	Resume	Mechanical		4/5/11		GAKG-00279	4/26/11	4/8/11		4/8/11	Approved
334	GEN-5	GEN-5 GEW02 (REV0) (110315)	25483-000-GPE-GXA-00066	0	TOM XIA - RESUME (GE - MEVV) WATER TREATMENT AND ZLD AREAS	Resume	Mechanical		3/15/11		GAKG-00244	4/5/11	3/22/11			Comments zipped with document in IW and uploaded to eRoom for Vendor response iNotification 000002493 uploaded to eRoom 3/28/11

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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

Project Address: 3862 Depot  
Road, Hayward, CA 94545

Bechtel Job 25483

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335	GEN-5	GEN-5 PE08 (REV1) (110428)	25483-000-GPE-GXA-00069	0	CHANDER NANGIA - RESUME (Siemens) - CT Exhaust Transition Duct Structural Engineer	Resume	Mechanical		4/28/11		GAKG-00324	5/19/11	5/9/11		5/9/11	Approved
336	GEN-5	GEN-5 PE08 (REV0) (110325)	25483-000-GPE-GXA-00069	0	CHANDER NANGIA - RESUME - SIEMENS - CT Exhaust Transition Duct Structural Engineer	Resume	Mechanical		3/25/11		GAKG-00259	4/15/11	3/30/2011 Superseded by REV1	4/4/11		CBO Comments rec'd, zipped with doc in IW & distributed to client - iNotification 000002627
337	GEN-5	GEN-5 PE09 (REV1) (110411)	25483-000-GPE-GXA-00070	0	DALE WHEELER - Resume (Siemens) & Calif License	Resume	Mechanical		4/11/11		GAKG-00287	5/2/11	4/19/11		4/19/11	Approved
338	GEN-5	GEN-5 PE09 (REV0) (110325)	25483-000-GPE-GXA-00070	0	DALE WHEELER - RESUME & CALIF LICENSE - SIEMENS	Resume	Mechanical		03/25/11		GAKG-00262	4/15/11	3/31/2011 Superseded by REV1	4/11/11		CBO Comments rec'd, zipped with doc in IW & distributed to client - iNotification 000002630
339	GEN-5	GEN-5 IDI01 (REV1) (110412)	25483-000-GPE-GXA-00071	0	Harold Johnson - Resume - Inflico Degremont Inc. - Responsible for sealing Foundation Interface Details and Foundation Load documents - Recycled Water Facility	Resume	Mech		4/12/11		GAKG-00293	5/3/11	4/18/11		4/18/11	Approved
340	GEN-5	GEN-5 IDI01 (REV0) (110330)	25483-000-GPE-GXA-00071	0	Harold Johnson - Resume - Inflico Degremont Inc. - Responsible for sealing Foundation Interface Details and Foundation Load documents - Recycled Water Facility	Resume	Mech		3/30/11		GAKG-00270	4/20/11	3/31/2011			CBO Comments rec'd, zipped with doc in IW & distributed to IDI - iNotification 000002628
341	GEN-5	GEN-5 PE10 (REV0) (110411)	25483-000-GPE-GXA-00072	0	STEVEN HALL - RESUME - (SIEMENS) - No Longer Engaged in the Project	Resume	Mechanical		04/11/11		GAKG-00288	5/2/11	4/19/11		N/A	CBO Comments received and zipped with doc in IW iNotification 000002959; Per Dave Anderson's email on 4/27/11 Robert Fossati will be sealing documents in place of Steven Hall.
342	GEN-5	GEN-5 IDI03 (REV0) (110411)	25483-000-GPE-GXA-00073	0	Salvatore Granata - Resume - Inflico Degremont Inc. - Responsible for sealing Structural Calculations - Recycled Water Facility	Resume	Mech		4/11/11		GAKG-00291	5/2/11	4/19/11		4/19/2011	Approved
343	GEN-5	GEN-5 PE11 (REV1) (110505)	25483-000-GPE-GXA-00074	0	Robert Fossatti - Resume (Siemens) - CT Generator Enclosure Structure	Resume	Mechanical		5/4/11		GAKG-00338	5/25/11	05/13/11		05/13/11	Approved
344	GEN-5	GEN-5 PE11 (REV0) (110418)	25483-000-GPE-GXA-00074	0	ROBERT FOSSATTI - RESUME - SIEMENS - CT Generator Enclosure Structure	Resume	Mech		4/18/11		GAKG-00308	5/9/11	5/2/2011			CBO Comments Received
345	GEN-5	GEN-5 SPI01 (REV1) (110510)	25483-000-GPE-GXA-00075	0	Resume for Greg McCombs - Spig	Resume			5/10/11		GAKG-00361	5/31/11	5/11/2011		05/11/11	Approved
346	GEN-5	GEN-5 SPI01 (REV0) (110428)	25483-000-GPE-GXA-00075	0	Resume for Greg McCombs - Spig	Resume			04/28/11		GAKG-00327	5/19/11	5/3/2011			Comments Received - zipped with Document in IW
347	GEN-6	GEN-6 NE01 (REV0) (110502)	25483-000-GPE-GXA-00076	0	SPECIAL INSPECTOR - NOOTER ERIKSEN - TEERASAK INTASAN	Inspector Resume	PE		5/2/11		GAKG-00333	5/23/11	5/11/11		5/11/11	Approved
348	GEN-6	GEN-6 BSI01 (REV0) (110509)	25483-000-GPE-GXA-00077	0	Ron Cable - Bechtel Special Inspector	Special Inspector Resume	PE		5/9/11		GAKG-00354	5/30/11	5/11/11			CBO Comments Received - zipped with doc in IW - distributed to RE
349	GEN-6	GEN-6 BSI01 (REV0) (110509)	25483-000-GPE-GXA-00078	0	Andrew Scelfo - Bechtel Special Inspector	Special Inspector Resume	PE		5/9/11		GAKG-00354	5/30/11	5/11/11			CBO Comments Received - zipped with doc in IW - distributed to RE
350	GEN-5	GEN-5 HOL01 (REV0) (110517)	25483-000-GPE-GXA-00079	0	Ajay Ray - Resume - Holtec	Resume	Civil		5/17/11		GAKG-00376	6/7/11				
351	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
352	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
353	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
354	GEN-6	GEN-6 SY01 (REV0) (101003)	25483-000-GPE-GXA-00015	0	SPECIAL INSPECTOR - SIGNET TESTING LABS QUALIFICATON MATRIX	Special Inspector Qualification Matirx	PE		10/04/10		GAKG-00037	10/11/10	10/15/10		10/15/10	Approved
355	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

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356	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00025	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - LORI SIMPSON	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved
357	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
358	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
359	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00026	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - CHRISTIAN DIVIS	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved
360	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
361	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
362	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00027	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - KRISTEN LEASE	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved
363	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
364	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
365	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00028	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - NATHAN SHERWOOD	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved
366	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
367	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
368	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00029	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - RACHAEL SEVERN	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved
369	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
370	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
371	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00030	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - ROMAN NELSON	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved
372	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
373	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
374	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00031	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - RONALD REINDL	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved

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375	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
376	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
377	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00032	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - SARA MAGALLON	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved
378	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
379	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
380	GEN-6	GEN-6 FCI01 (REV2) (110228)	25483-000-GPE-GXA-00033	2	SPECIAL INSPECTOR - TREADWELL AND ROLLO - STEVEN WOLFE	Special Inspector Resume	CIVIL		02/28/11		GAKG-00224	3/1/11	3/2/11		3/2/11	Approved
381	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 Superseded by REV2	2/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 2/11/11
382	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	1/28/11		CBO Comments Rec'd and zipped with doc in IW. Distributed to Foundation Pile 1/4/11
383	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
384	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
385	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
386	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
387	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
388	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
389	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
390	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
391	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
392	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
393	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
394	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
395	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

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396	GEN-6	GEN-6 FCI02 (REV0) (110228)	25483-000-GPE-GXA-00053	0	SPECIAL INSPECTOR - TREADWELL AND ROLLO - <b>KEYTON RODGERS</b>	Special Inspector Resume	PE		02/28/11		GAKG-00225	3/1/11	3/1/11		3/1/11	Approved
397	GEN-6	GEN-6 FCI03 (REV0) (110302)	25483-000-GPE-GXA-00054	1	SENIOR SPECIAL INSPECTOR - TREADWELL AND ROLLO - <b>MICHAEL HANDEL</b>	Special Inspector Resume	PE		03/02/11		GAKG-00231	3/3/11	3/3/11		3/3/11	Approved
398	GEN-6	GEN-6 FCI02 (REV0) (110228)	25483-000-GPE-GXA-00054	0	SPECIAL INSPECTOR - TREADWELL AND ROLLO - <b>MICHAEL HANDEL</b>	Special Inspector Resume	PE		02/28/11		GAKG-00225	3/1/11	3/2/11		3/1/11	Approved
399	GEN-6	GEN-6 SY10 (REV0) (110309)	25483-000-GPE-GXA-00056	0	SPECIAL INSPECTOR - SIGNET TESTING LABS - <b>DAVE BENZLER RESUME</b>	Special Inspector Resume	PE		3/9/11		GAKG-00240	3/30/11	3/11/11		3/11/11	Approved
400	GEN-6	GEN-6 GQ01 (REV0) (110302)	25483-000-GQM-GCE-00001	0	STATEMENT OF REQUIRED SPECIAL INSPECTIONS	Statement of Required Special Inspections			03/02/11		GAKG-00232	3/23/11	3/17/11		3/17/11	Approved
401	MECH-1		25483-000-3DR-M10-00001		MECHANICAL DESIGN CRITERIA		Mechanical	Q4, 2010								
402	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-30R-M82G-00001	2	FIRE PROTECTION HAZARDS EVALUATION PLAN	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received - zipped only with this main doc
403	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-V1A-MECM-00040	0	Flame Spread Report for Cooling Tower Components	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
404	MECH-1	MECH-1 0006 (REV3) (110425)	25483-1-P1-0010-00001	C	Plot Plan	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
405	MECH-1	MECH-1 0006 (REV3) (110425)	25483-0-P1-0090-00001	A	Plant Elevation Views	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
406	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-A1-8110-00001	0	Administration/Warehouse Building Conceptual Plans	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
407	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-A2-8190-00001	0	Administration/Warehouse Building Conceptual Elevations and Sections	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
408	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-3312-00001	0	General Arrangement STG-CTG Transformer and Switchgear Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
409	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-6101-00001	0	General Arrangement Fuel Gas Compressor Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-7111-00001	A	General Arrangement Recycled Water Facility Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-7111-00002	A	General Arrangement Recycled Water Facility Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-7111-00003	0	General Arrangement Zero Liquid Discharge (ZLD) Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
410	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-7211-00001	0	General Arrangement Cooling Tower Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
411	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-7211-00002	0	General Arrangement Cooling Tower Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
412	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-7211-00003	0	General Arrangement Cooling Tower Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
413	MECH-1	MECH-1 0006 (REV3) (110425)	25483-000-P1-7611-00001	A	General Arrangement Demineralized Water Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
414	MECH-1	MECH-1 0006 (REV3) (110425)	25483-001-P1-1111-00001	0	General Arrangement HRSG Unit 1 Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received

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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
415	MECH-1	MECH-1 0006 (REV3) (110425)	25483-001-P1-1411-00001	0	General Arrangement Combustion Turbine Unit 1 Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
416	MECH-1	MECH-1 0006 (REV3) (110425)	25483-001-P1-3311-00001	0	General Arrangement CTG Transformer Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
417	MECH-1	MECH-1 0006 (REV3) (110425)	25483-002-P1-1112-00001	0	General Arrangement HRSG Unit 2 Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
418	MECH-1	MECH-1 0006 (REV3) (110425)	25483-002-P1-1412-00001	0	General Arrangement Combustion Turbine Unit 2 Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
419	MECH-1	MECH-1 0006 (REV3) (110425)	25483-003-P1-2111-00001	A	General Arrangement Steam Turbine Unit 3 Area Plan at Grade and Above	Fire Protection Plan	Mechanical		04/25/11	BB	GAKG-00319	5/16/11	5/19/11			Comments Received
420	MECH-1	MECH-1 0006 (REV2) (110315)	25483-000-30R-M82G-00001	1	FIRE PROTECTION HAZARDS EVALUATION PLAN	Fire Protection Plan REFERENCE DOCUMENT	Mechanical		03/15/11		GAKG-00246	4/5/11	3/24/11			CBO Comments Rec'd and zipped with doc in IW. Copy given to Bruce 3/24/11 Attmts:25483-000-P1-0090-00001, 25483-000-P1-0090-00001, 25483-000-P1-0090-00001, 25483-000-A2-8190-00001
421	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	2/18/2011 Superseded by REV2	3/15/11		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 Attmts:25483-000-P1-0090-00001, 25483-000-P1-0090-00001, 25483-000-P1-0090-00001, 25483-000-A2-8190-00001
422	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
423	MECH-1	MECH-1 M0C01 (REV0) (110511)	25483-000-M0C-PF-00002	0	Fire Protection (PF): A/G Line sizing and Main Fire Pump Sizing	Calculation	Mechanical		05/11/11	BB	GAKG-00363	6/1/11				
424	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
425	MECH-1	MECH-1 00005 (REV0) (100930)	25483-000-M6-AB-00001	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
426	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
427	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
428	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
429	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
430	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
431	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
432	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
433	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

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
434	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
435	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
436	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	11/25/10	11/19/10		11/19/10	Reviewed for Referenced Only
437	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	11/25/10	11/19/10		11/19/10	Reviewed for Referenced Only
438	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	11/25/10	11/19/10		11/19/10	Reviewed for Referenced Only
439	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	11/25/10	11/19/10		11/19/10	Reviewed for Referenced Only
440	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
441	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	11/25/10	11/19/10 Superseded by REV 1		11/19/10	Reviewed for Referenced Only
442	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
443	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	11/25/10	11/19/10 Superseded by REV 1		11/19/10	Reviewed for Referenced Only
444	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
445	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
446	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
447	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
448	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
449	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
450	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
451	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
452	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
453	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

**CEC No. 01-AFC-07C  
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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

Project Address: 3862 Depot  
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Bechtel Job 25483

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454	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
455	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
456	MECH-1	MECH-1 0020 (REV0) (110411)	25483-000-M6-AR-00001	0	P&ID Condenser Air Removal System	P&ID REFERENCE DOCUMENT	Mechanical		04/11/11		GAKG-00290	5/2/11	4/28/11		4/28/11	Reviewed for Reference Only
457	MECH-1	MECH-1 0020 (REV0) (110411)	25483-000-M6-BM-00001	0	Piping And Instrument Diagram unit-1 HRSG Blowdown System	P&ID REFERENCE DOCUMENT	Mechanical		04/11/11		GAKG-00290	5/2/11	4/28/11		4/28/11	Reviewed for Reference Only
458	MECH-1	MECH-1 0020 (REV0) (110411)	25483-000-M6-BM-00002	0	Piping And Instrument Diagram unit-2 HRSG Blowdown System	P&ID REFERENCE DOCUMENT	Mechanical		04/11/11		GAKG-00290	5/2/11	4/28/11		4/28/11	Reviewed for Reference Only
459	MECH-1	MECH-1 0023 (REV0) (110427)	25483-000-M6-BS-00001	0	P&ID Ammonia Storage and transfer	P&ID REFERENCE DOCUMENT	Mechanical		04/27/11		GAKG-00323	5/18/11	5/13/11			CBO Comments Received - zipped with doc in IW
460	MECH-1	MECH-1 0002 (REV2) (110503)	25483-000-M6-FG-00001	2	PID - Natural Gas System	P&ID REFERENCE DOCUMENT	Mechanical		05/03/11		GAKG-00335	5/24/11				
461	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	2/28/11			CBO Comment Response zipped with doc in IW and distrib
462	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
463	MECH-1	MECH-1 0002 (REV2) (110503)	25483-000-M6-FG-00002	1	PID - Natural Gas System	P&ID REFERENCE DOCUMENT	Mechanical		05/03/11		GAKG-00335	5/24/11				
464	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	2/28/11			CBO Comment Response zipped with doc in IW and distrib
465	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
466	MECH-1	MECH-1 0002 (REV2) (110503)	25483-000-M6-FG-00003	1	PID - Natural Gas System	P&ID REFERENCE DOCUMENT	Mechanical		05/03/11		GAKG-00335	5/24/11				
467	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	2/28/11			CBO Comment Response zipped with doc in IW and distrib
468	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
469	MECH-1	MECH-1 0020 (REV0) (110411)	25483-000-M6-FL-00001	0	P&ID Lube Oil System	P&ID REFERENCE DOCUMENT	Mechanical		04/11/11		GAKG-00290	5/2/11	4/28/11		4/28/11	Reviewed for Reference Only
470	MECH-1	MECH-1 0020 (REV0) (110411)	25483-000-M6-FL-00002	0	P&ID Seal Oil System	P&ID REFERENCE DOCUMENT	Mechanical		04/11/11		GAKG-00290	5/2/11	4/28/11		4/28/11	Reviewed for Reference Only
471	MECH-1	MECH-1 0020 (REV0) (110411)	25483-000-M6-FL-00003	0	P&ID Hydraulic Oil System	P&ID REFERENCE DOCUMENT	Mechanical		04/11/11		GAKG-00290	5/2/11	4/28/11		4/28/11	Reviewed for Reference Only
472	MECH-1	MECH-1 0013 (REV2) (110405)	25483-000-M6-PA-00001	1	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/05/11		GAKG-00276	4/26/11	4/22/11		4/22/11	Review for Reference Only
473	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
474	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  
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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

Project Address: 3862 Depot  
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Bechtel Job 25483

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475	MECH-1	MECH-1 0013 (REV2) (110405)	25483-000-M6-PA-00002	1	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/05/11		GAKG-00276	4/26/11	4/22/11		4/22/11	Review for Reference Only
476	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
477	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
478	MECH-1	MECH-1 0019 (REV0) (110405)	25483-000-M6-PA-00003	0	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/05/11		GAKG-00277	4/26/11	4/22/11		4/22/11	Review for Reference Only
479	MECH-1	MECH-1 0019 (REV0) (110405)	25483-000-M6-PA-00004	0	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/05/11		GAKG-00277	4/26/11	4/22/11		4/22/11	Review for Reference Only
480	MECH-1	MECH-1 0019 (REV0) (110405)	25483-000-M6-PA-00005	0	P&ID - COMPRESSED AIR SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/05/11		GAKG-00277	4/26/11	4/22/11		4/22/11	Review for Reference Only
481	MECH-1	MECH-1 0003 (REV4) (110325)	25483-000-M6-PF-00001	1	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		03/25/11	BB	GAKS-00258	4/15/11	5/10/11; 4/22/2011		5/10/11	Approved- Conditional Approval - email received from Masterman stating REV 4 is exactly the same as REV 3 which was approved. Email saved in Outgoing GAKS-00258 folder for reference
482	MECH-1	MECH-1 0003 (REV3) (110318)	25483-000-M6-PF-00001	1	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		03/18/11	BB	GAKS-000251	4/8/11	4/5/2011 Superseded by REV4			wrong public key applied to dwg - reissued REV4 with correct public key CBO Comments rec'd "Conditions of Approval for RCEC REV3 - zipped with doc in IW and distrib w/explanation - iNote 000002761
483	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
484	MECH-1	MECH-1 0003 (REV1) (110114)	25483-000-M6-PF-00001	C	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		01/27/11	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
485	MECH-1	MECH-1 0003 (REV0) (100928)	25483-000-M6-PF-00001	C	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		09/28/10	CL	GAKG-00032	10/12/10	10/14/10 Superseded by REV 1			Comment sheet included in zip file of P&ID
486	MECH-1	MECH-1 0003 (REV4) (110325)	25483-000-M6-PF-00002	1	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		03/25/11	BB	GAKS-00258	4/15/11	5/10/11; 4/22/2011		5/10/11	Approved- Conditional Approval - email received from Masterman stating REV 4 is exactly the same as REV 3 which was approved. Email saved in Outgoing GAKS-00258 folder for reference
487	MECH-1	MECH-1 0003 (REV3) (110318)	25483-000-M6-PF-00002	1	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		03/18/11	BB	GAKS-000251	4/8/11	4/5/2011 Superseded by REV4			wrong public key applied to dwg - reissued REV4 with correct public key CBO Comments rec'd "Conditions of Approval for RCEC REV3 - zipped with doc in IW and distrib w/explanation - iNote 000002761
488	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
489	MECH-1	MECH-1 0003 (REV1) (110114)	25483-000-M6-PF-00002	C	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		01/27/11	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
490	MECH-1	MECH-1 0003 (REV0) (100928)	25483-000-M6-PF-00002	C	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		09/28/10	CL	GAKG-00032	10/12/10	10/14/10 Superseded by REV 1			Comment sheet included in zip file of P&ID
491	MECH-1	MECH-1 0003 (REV4) (110325)	25483-000-M6-PF-00003	1	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		03/25/11	BB	GAKS-00258	4/15/11	5/10/11; 4/22/2011		5/10/11	Approved- Conditional Approval - email received from Masterman stating REV 4 is exactly the same as REV 3 which was approved. Email saved in Outgoing GAKS-00258 folder for reference
492	MECH-1	MECH-1 0003 (REV3) (110318)	25483-000-M6-PF-00003	1	P&ID FIRE PROTECTION SYSTEM	P&ID FOR APPROVAL	Mechanical		03/18/11	BB	GAKS-000251	4/8/11	4/5/2011 Superseded by REV4			wrong public key applied to dwg - reissued REV4 with correct public key CBO Comments rec'd "Conditions of Approval for RCEC REV3 - zipped with doc in IW and distrib w/explanation - iNote 000002761

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
493	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
494	MECH-1	MECH-1 0003 (REV1) (110114)	25483-000-M6-PF-00003	A	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		01/27/11	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
495	MECH-1	MECH-1 0003 (REV0) (100928)	25483-000-M6-PF-00003	A	P&ID FIRE PROTECTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		09/28/10	CL	GAKG-00032	10/12/10	10/14/10 Superseded by REV 1			Comment sheet included in zip file of P&ID
496	MECH-1	MECH-1 0018 (Rev0) (110317)	25483-000-M6-PG-00001	0	P&ID- Service Gas System	P&ID REFERENCE DOCUMENT	Mechanical		03/17/11		GAKG-00248	4/7/11	4/4/11		4/4/11	Reviewed for Reference Only
497	MECH-1	MECH-1 0018 (Rev0) (110317)	25483-000-M6- PG-00002	0	P&ID- Service Gas System	P&ID REFERENCE DOCUMENT	Mechanical		03/17/11		GAKG-00248	4/7/11	4/4/11		4/4/11	Reviewed for Reference Only
498	MECH-1	MECH-1 0018 (Rev0) (110317)	25483-000-M6- PG-00003	0	P&ID- Service Gas System	P&ID REFERENCE DOCUMENT	Mechanical		03/17/11		GAKG-00248	4/7/11	4/4/11		4/4/11	Reviewed for Reference Only
499	MECH-1	MECH-1 0018 (Rev0) (110317)	25483-000-M6- PG-00004	0	P&ID- Service Gas System	P&ID REFERENCE DOCUMENT	Mechanical		03/17/11		GAKG-00248	4/7/11	4/4/11		4/4/11	Reviewed for Reference Only
500	MECH-1	MECH-1 0009 (REV4) (110413)	25483-000-M6-PW-00001	2	P&ID POTABLE WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/13/11		GAKG-00298	5/4/11	4/29/11		4/29/11	Reviewed for Reference Only
501	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	3/4/11		3/4/11	Reviewed for Reference Only
502	MECH-1	MECH-1 0009 (REV1) (101208)	25483-000-M6-PW-00001	0	P&ID POTABLE WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		12/08/10		GAKG-00101	12/29/10	12/28/2010 Superseded by REV2			CBO Comments for drawing Rev0 zipped with doc in IW
503	MECH-1	MECH-1 0009 (REV2) (101220)	25483-000-M6-PW-00001	A	P&ID POTABLE 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
504	MECH-1	MECH-1 0009 (REV0) (101101)	25483-000-M6-PW-00001	A	P&ID POTABLE WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		11/01/10		GAKG-00052	11/22/10	11/17/10 Superseded by REV 1	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 - <b>Superseded by Rev 2</b>
505	MECH-1	MECH-1 0021 (REV0) (110413)	25483-000-M6-PW-00002	0	P&ID POTABLE WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/13/11		GAKG-00299	5/4/11	4/29/11		4/29/11	Reviewed for Reference Only
506	MECH-1	MECH-1 0016 (REV2) (110426)	25483-000-M6-SA-00001	2	P&ID AUXILIARY STEAM SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/26/11		GAKG-00321	5/17/11	5/13/11		5/13/11	Reviewed for Reference Only
507	MECH-1	MECH-1 0016 (REV1) (110303)	25483-000-M6-SA-00001	1	P&ID AUXILIARY STEAM SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		03/03/11		GAKG-00233	3/24/11	3/21/11		3/21/11	Approved
508	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 Superseded by REV1	3/3/11		CBO Comments zipped with dwg in IW
509	MECH-1	MECH-1 0016 (REV2) (110426)	25483-000-M6-SA-00002	2	P&ID AUXILIARY STEAM SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/26/11		GAKG-00321	5/17/11	5/13/11		5/13/11	Reviewed for Reference Only
510	MECH-1	MECH-1 0016 (REV1) (110303)	25483-000-M6-SA-00002	1	P&ID AUXILIARY STEAM SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		03/03/11		GAKG-00233	3/24/11	3/21/11		3/21/11	Approved
511	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 Superseded by REV1	3/3/11		CBO Comments zipped with dwg in IW
512	MECH-1	MECH1-0008 (REV2) (110308)	25483-000-M6-SC-00001	1	P&ID DEMIN WATER STORAGE & DISTRIBUTION SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		03/08/11		GAKG-00238	3/29/11	4/6/11		4/6/11	Review for Reference Only
513	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
514	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

**CEC No. 01-AFC-07C  
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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
515	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
516	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
517	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
518	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
519	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
520	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	3/4/11		3/4/11	Reviewed for Reference Only
521	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	12/13/2010 Superseded by REV2		12/13/10	Reviewed for Referenced Only
522	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
523	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	3/4/11		3/4/11	Reviewed for Reference Only
524	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	12/13/2010 Superseded by REV2		12/13/10	Reviewed for Referenced Only
525	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
526	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	7/5/11	3/4/11		3/4/11	Reviewed for Referenced Only
527	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
528	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	7/5/11	3/4/11		3/4/11	Reviewed for Referenced Only
529	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
530	MECH-1	MECH-1 0007 (REV1) (110505)	25483-000-M6-WR-00001	3	P&ID Recycle Water System	P&ID REFERENCE DOCUMENT	Mechanical		05/05/11		GAKG-00346	5/26/11				
531	MECH-1	MECH-1 0007 (REV1) (110505)	25483-000-M6-WR-00002	0	P&ID Recycle Water System	P&ID REFERENCE DOCUMENT	Mechanical		05/05/11		GAKG-00346	5/26/11				
532	MECH-1	MECH-1 0007 (REV1) (110505)	25483-000-M6-WR-00003	1	P&ID Recycle Water System	P&ID REFERENCE DOCUMENT	Mechanical		05/05/11		GAKG-00346	5/26/11				
533	MECH-1	MECH-1 0007 (REV1) (110505)	25483-000-M6-WR-00004	0	P&ID Recycle Water System	P&ID REFERENCE DOCUMENT	Mechanical		05/05/11		GAKG-00346	5/26/11				
534	MECH-1	MECH-1 0007 (REV1) (110505)	25483-000-M6-WR-00005	0	P&ID Recycle Water System	P&ID REFERENCE DOCUMENT	Mechanical		05/05/11		GAKG-00346	5/26/11				
535	MECH-1	MECH-1 0007 (REV1) (110505)	25483-000-M6-WR-00006	1	P&ID Recycle Water System	P&ID REFERENCE DOCUMENT	Mechanical		05/05/11		GAKG-00346	5/26/11				
536	MECH-1	MECH-1 0007 (REV1) (110505)	25483-000-M6-WR-00007	0	P&ID Recycle Water System	P&ID REFERENCE DOCUMENT	Mechanical		05/05/11		GAKG-00346	5/26/11				

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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

Project Address: 3862 Depot  
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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
537	MECH-1	MECH-1 0007 (REV1) (110505)	25483-000-M6-WR-00008	0	P&ID Recycle Water System	P&ID REFERENCE DOCUMENT	Mechanical		05/05/11		GAKG-00346	5/26/11				
538	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
539	MECH-1	<b>MECH-1 0008 (REV2) (110318)</b>	<b>25483-000-M6-WS-00001</b>	<b>1</b>	<b>P&amp;ID SERVICE WATER SYSTEM</b>	<b>P&amp;ID REFERENCE DOCUMENT</b>	<b>Mechanical</b>		<b>03/18/11</b>		<b>GAKG-00252</b>	<b>4/8/11</b>	<b>3/23/11</b>		<b>3/23/11</b>	Reviewed for Referenced Only
540	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 Superseded by REV2		12/28/10	Reviewed for Referenced Only
541	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
542	MECH-1	<b>MECH-1 0008 (REV2) (110318)</b>	<b>25483-000-M6-WS-00002</b>	<b>1</b>	<b>P&amp;ID SERVICE WATER SYSTEM</b>	<b>P&amp;ID REFERENCE DOCUMENT</b>	<b>Mechanical</b>		<b>03/18/11</b>		<b>GAKG-00252</b>	<b>4/8/11</b>	<b>3/23/11</b>		<b>3/23/11</b>	Reviewed for Referenced Only
543	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 Superseded by REV2		12/28/10	Reviewed for Referenced Only
544	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
545	MECH-1	<b>MECH-1 0013 (REV4) (110425)</b>	<b>25483-000-M6-XN-00001</b>	<b>2</b>	<b>P&amp;ID SANITARY SERVICE SYSTEM</b>	<b>P&amp;ID REFERENCE DOCUMENT</b>	<b>Mechanical</b>		<b>04/25/11</b>		<b>GAKG-00320</b>	<b>5/16/11</b>	<b>5/13/11</b>		<b>5/13/11</b>	<b>Reviewed for Reference Only</b>
546	MECH-1	MECH-1 0013 (REV3) (110308)	25483-000-M6-XN-00001	1	P&ID SANITARY SERVICE SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		03/08/11		GAKG-00237	3/29/11	3/23/11		3/23/11	Reviewed for Referenced Only
547	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 Superseded by REV2	3/8/11		CBO Comments Rec'd and zipped with drawing in IW
548	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
549	MECH-1	<b>MECH-1 0014 (REV2) (110413)</b>	<b>25483-000-M6-XW-00001</b>	<b>1</b>	<b>P &amp; ID WASTE WATER SYSTEM</b>	<b>P&amp;ID REFERENCE DOCUMENT</b>	<b>Mechanical</b>		<b>04/13/11</b>		<b>GAKG-00300</b>	<b>5/4/11</b>	<b>4/29/11</b>		<b>4/29/11</b>	<b>Reviewed for Reference Only</b>
550	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
551	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
552	MECH-1	<b>MECH-1 0014 (REV2) (110413)</b>	<b>25483-000-M6-XW-00002</b>	<b>1</b>	<b>P &amp; ID WASTE WATER SYSTEM</b>	<b>P&amp;ID REFERENCE DOCUMENT</b>	<b>Mechanical</b>		<b>04/13/11</b>		<b>GAKG-00300</b>	<b>5/4/11</b>	<b>4/29/11</b>		<b>4/29/11</b>	<b>Reviewed for Reference Only</b>
553	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
554	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
555	MECH-1	<b>MECH-1 0017 (REV1) (110413)</b>	<b>25483-000-M6-XW-00003</b>	<b>1</b>	<b>P &amp; ID WASTE WATER SYSTEM</b>	<b>P&amp;ID REFERENCE DOCUMENT</b>	<b>Mechanical</b>		<b>04/13/11</b>		<b>GAKG-00301</b>	<b>5/4/11</b>	<b>4/29/11</b>		<b>4/29/11</b>	<b>Reviewed for Reference Only</b>
556	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
557	MECH-1	MECH-1 0022 (REV0) (110413)	25483-000-M6-XW-00004	0	P & ID WASTE WATER SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/13/11		GAKG-00302	5/4/11	4/29/11		4/29/11	Reviewed for Reference Only

**CEC No. 01-AFC-07C  
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25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
558	MECH-1	MECH-1 0022 (REV0) (110413)	25483-000-M6-XW-00005	0	P&ID SANITARY WASTE SYSTEM	P&ID REFERENCE DOCUMENT	Mechanical		04/13/11		GAKG-00302	5/4/11	4/29/11		4/29/11	Reviewed for Reference Only
559	MECH-1	MECH-1 0003 (REV4) (110325)	25483-000-M6J-YA-00001	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/25/11		GAKG-00258	4/15/11	5/10/11; 4/22/2011		5/10/11	Reviewed for Reference - Doc previously submitted and approved - included in Pkg MECH-10003 (REV4) (110325) for Reference Only
560	MECH-1	MECH-1 0003 (REV3) (110318)	25483-000-M6J-YA-00001	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/18/11		GAKG-00251	4/8/11	4/5/2011 Superseded by REV4		N/A	Doc previously submitted and approved - included in Pkg MECH-10003 (REV3) (110318) for Reference Only. Returned 4/5/11 (Public Key Invalid - Pkg re-submitted w/valid key REV4) with Conditions of Approval Statement -
561	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
562	MECH-1	MECH-1 0003 (REV4) (110325)	25483-000-M6J-YA-00002	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/25/11		GAKG-00258	4/15/11	5/10/11; 4/22/2011		5/10/11	Reviewed for Reference - Doc previously submitted and approved - included in Pkg MECH-10003 (REV4) (110325) for Reference Only
563	MECH-1	MECH-1 0003 (REV3) (110318)	25483-000-M6J-YA-00002	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/18/11		GAKG-00251	4/8/11	4/5/2011 Superseded by REV4		N/A	Doc previously submitted and approved - included in Pkg MECH-10003 (REV3) (110318) for Reference Only. Returned 4/5/11 (Public Key Invalid - Pkg re-submitted w/valid key REV4) with Conditions of Approval Statement - zipped w/doc in IW and distrib
564	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
565	MECH-1	MECH-1 0003 (REV4) (110325)	25483-000-M6J-YA-00003	1	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/25/11		GAKG-00258	4/15/11	5/10/11; 4/22/2011		5/10/11	Reviewed for Reference - Doc previously submitted and approved - included in Pkg MECH-10003 (REV4) (110325) for Reference Only
566	MECH-1	MECH-1 0003 (REV3) (110318)	25483-000-M6J-YA-00003	1	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/18/11		GAKG-00251	4/8/11	4/5/2011 Superseded by REV4		N/A	Doc previously submitted and approved - included in Pkg MECH-10003 (REV3) (110318) for Reference Only. Returned 4/5/11 (Public Key Invalid - Pkg re-submitted w/valid key REV4) with Conditions of Approval Statement - zipped w/doc in IW and distrib
567	MECH-1	MECH-1 0010 (REV1) (110106)	25483-000-M6J-YA-00003	1	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		01/06/11		GAKG-00133	1/27/11	1/21/11		1/21/11	Reviewed for Referenced Only
568	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
569	MECH-1	MECH-1 0003 (REV4) (110325)	25483-000-M6J-YA-00004	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/25/11		GAKG-00258	4/15/11	5/10/11; 4/22/2011		5/10/11	Reviewed for Reference - Doc previously submitted and approved - included in Pkg MECH-10003 (REV4) (110325) for Reference Only
570	MECH-1	MECH-1 0003 (REV3) (110318)	25483-000-M6J-YA-00004	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/18/11		GAKG-00251	4/8/11	4/5/11 Superseded by REV4		N/A	Doc previously submitted and approved - included in Pkg MECH-10003 (REV3) (110318) for Reference Only. Returned 4/5/11 (Public Key Invalid - Pkg re-submitted w/valid key REV4) with Conditions of Approval Statement -
571	MECH-1	MECH-1 0010 (REV0) (101118)	25483-000-M6J-YA-00004	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
572	MECH-1	MECH-1 0003 (REV4) (110325)	25483-000-M6J-YA-00005	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/25/11		GAKG-00258	4/15/11	5/10/11; 4/22/2011		5/10/11	Reviewed for Reference - Doc previously submitted and approved - included in Pkg MECH-10003 (REV4) (110325) for Reference Only

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GEN2-0004 (REV 11)

Project Address: 3862 Depot  
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Bechtel Job 25483

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573	MECH-1	MECH-1 0003 (REV3) (110318)	25483-000-M6J-YA-00005	0	P&ID SYMBOLS AND LEGENDS	P&ID REFERENCE DOCUMENT	Mechanical		03/18/11		GAKG-00251	4/8/11	4/5/11 Superseded by REV4		N/A	Doc previously submitted and approved - included in Pkg MECH-10003 (REV3) (110318) for Reference Only. Returned 4/5/11 (Public Key Invalid - Pkg re-submitted w/valid key REV4) with Conditions of Approval Statement - zipped w/doc in IW and distrib
574	MECH-1	MECH-1 0010 (REV0) (101118)	25483-000-M6J-YA-00005	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
575	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P0-0000-00001	1	Embedded and Underground Piping General Notes and Standard Details	Drawing	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
576	MECH-1	MECH-1 P401 (REV0) (110324)	25483-000-P0-0000-00002	1	EMBEDDED & UNDERGROUND PIPING -GENERAL NOTES AND STANDARD DETAILS	Drawing REFERENCE DOCUMENT	Plant Design		03/24/11		GAKG-00257	4/14/11	4/11/11			CBO Comments Received - Zipped with Document in InfoWorks
577	MECH-1	MECH-1 P401 (REV1) (110520)	25483-000-P4-0000-00001	1	UNDER GROUND COMPOSITE -FIRE PROTECTION SYSTEM	Drawing	Plant Design		05/20/11	BB	GAKG-00387	6/10/11	4/11/11			
577	MECH-1	MECH-1 P401 (REV0) (110324)	25483-000-P4-0000-00001	0	UNDER GROUND COMPOSITE -FIRE PROTECTION SYSTEM	Drawing	Plant Design		03/24/11	BB	GAKG-00257	4/14/11	4/11/11			CBO Comments Received - Zipped with Document in InfoWorks
578	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00005	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to FG Supply Unit	Drawing	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
579	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00006	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to Gas Supply Unit	Drawing	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
580	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00007	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to Gas Supply Unit	Drawing	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
581	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00008	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to Gas Supply Unit	Drawing	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
582	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00009	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to FG Supply Unit	Drawing	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
583	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00010	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to FG Supply Unit	Drawing	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
584	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00011	0	Underground Piping Isometric Natural Gas System From Gas Comp. To FG Supply Unit	Drawing	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
585	MECH-1	MECH-1 P601 (REV0) (110420)	25483-000-P6C-FG-00001	0	FG SYSTEM - UNDERGROUND PIPING CALCULATION	Calculation	Plant Design		04/20/11	EG	GAKG-00311	5/11/11	5/10/11		5/10/11	Approved
586	MECH-1	MECH-1 3PS01 (REV0) (110422)	25483-000-3PS-NX00-00002	1	Technical Specification for Internal and External Coatings of Above and Below Ground Pipes and Fittings	Reference Document	Plant Design		04/22/11		GAKG-00317	5/13/11	5/10/11		5/10/11	Reviewed for Reference Only
587	MECH-3		25483-000-3PS-MA00-00000		FURNISHING, DESIGNING, INSTALLING AND TESTING OF HVAC SYSTEMS		Mechanical	Q2, 2011								
588	MECH-3		25483-000-MOC-VB-00001		HVAC SYSTEM REQUIREMENTS (MISC BUILDINGS)		Mechanical	Q2, 2011								CPM Submittal List - Notify Michelle when document received.
589	STRUC-1	STRUC-1 C04G (REV0) (101123)	25483-000-3DR-C04G-00001	0	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
590	STRUC-1		25483-003-3DR-C11-00001		CIVIL/STRUCTURAL DESIGN CRITERIA		Civil	Q3, 2010								
591	STRUC-1		25483-000-3PS-CG01-00001		TECHNICAL SPECIFICATION FOR THE DESIGN AND CONSTRUCTION OF THE SITE ROAD		Civil	Q2, 2011								
592	STRUC-1	STRUC-1 CP00 (REV2) (110506)	25483-000-3PS-CP00-00001	2	TECHNICAL SPECIFICATION FOR DESIGNING, FURNISHING, INSTALLING, AND TESTING DRIVEN PRECAST PRESTRESSED CONCRETE PILES	Specification	Civil		5/6/11	RK	GAKG-00347	5/27/11				
593	STRUC-1	STRUC-1 CP00 (REV1) (110421)	25483-000-3PS-CP00-00001	2	TECHNICAL SPECIFICATION FOR DESIGNING, FURNISHING, INSTALLING, AND TESTING DRIVEN PRECAST PRESTRESSED CONCRETE PILES	Specification	Civil		4/21/11	RK	GAKG-00315	5/12/11	5/6/11			CBO Comments received - zipped with doc in IW
594	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
595	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
596	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	3/2/11		3/2/11	Approved
597	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

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598	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
599	STRUC-1		25483-000-3RC-H01G-00004		NOISE CONTROL PLAN		Mechanical	Q4, 2010								
600	STRUC-1		25483-000-3SS-SS-701		TECHNICAL SPECIFICATION FOR PURCHASE OF STRUCTURAL AND MISCELLANEOUS STEEL		Civil	Q1, 2011								
601	STRUC-1		25843-000-A1-3210-00001		COOLING TOWER ELECTRICAL BUILDING PLAN		Architectural	Q1, 2011								
602	STRUC-1		25843-000-A1-3210-00002		ELECTRICAL SWITCHGEAR BUILDING PLAN		Architectural	Q1, 2011								
603	STRUC-1		25843-000-A1-3210-00003		STG ELECTRICAL BUILDING PLAN		Architectural	Q1, 2011								
604	STRUC-1		25843-000-A2-3290-00001		COOLING TOWER ELECTRICAL BUILDING ELEVATIONS, SECTIONS		Architectural	Q1, 2011								
605	STRUC-1		25843-000-A2-3290-00002		ELECTRICAL SWITCHGEAR BUILDING ELEVATIONS AND SECTIONS		Architectural	Q1, 2011								
606	STRUC-1		25843-000-A2-3290-00003		STG ELECTRICAL BUILDING ELEVATIONS AND SECTIONS		Architectural	Q1, 2011								
607	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
608	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
609	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
610	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
611	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
612	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
613	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	1/14/2011 Superseded by REV2		1/14/11	Approved
614	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
615	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
616	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
617	STRUC-1	STRUC-1 CP6101 (REV1) (110415)	25483-000-CP-6100-00001	1	Gas compressor Skid, Pile location plan	Drawing	Civil		04/15/11	AM	GAKG-00305	4/22/11	4/15/11		4/15/11	Approved
618	STRUC-1	STRUC-1 CP6101 (REV0) (110311)	25483-000-CP-6100-00001	0	Gas compressor Skid, Pile location plan	Drawing	Civil		03/11/11	AM	GAKG-00242	3/17/11	3/17/11		3/17/11	Approved
619	STRUC-1	STRUC-1 CP7100 (REV1) (110310)	25483-000-CP-7100-00001	0	Zero Liquid Discharge Area, BC Evaporator Foundation, Pile location plan	Drawing	Civil		03/10/11	AM	GAKG-00241	3/16/11	3/16/11		3/16/11	Approved
620	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-00216	3/3/11	3/3/2011 Superseded by REV1	3/10/11		CBO Comments Rec'd and zipped with doc - distrib
621	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
622	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
623	STRUC-1		25483-001-CP-1400-00001		COMBUSTION TURBINE #1 PILE LOCATION		Civil	Q2, 2011								
624	STRUC-1		25483-001-CP-1400-00001		COMBUSTION TURBINE #1 PILE LOCATION		Civil	Q1, 2011								

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Project Address: 3862 Depot  
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Bechtel Job 25483

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625	STRUC-1	STRUC-1 CP3301 (REV0) (110316)	25483-001-CP-3300-00001	0	CTG Unit #1 Main & Auxiliary Transformer Pile Location Plan	Drawing	Civil		03/16/11	AM	GAKG-00245	3/22/11	3/21/11		3/21/11	Approved
626	STRUC-1	STRUC-1 CP3301 (REV0) (110316)	25483-002-CP-3300-00001	0	CTG Unit #2 Main & Auxiliary Transformer Pile Location Plan	Drawing	Civil		03/16/11	AM	GAKG-00245	3/22/11	3/21/11		3/21/11	Approved
627	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
628	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
629	STRUC-1	STRUC-1 CP2401 (REV0) (110121)	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	2/11/11		CBO Comment Response Rec'd and zipped with doc in IW
630	STRUC-1	STRUC-1 CP3303 (REV1) (110316)	25483-003-CP-3300-00001	0	Main STG GSU Transformer, Pile Location Plan	Drawing	Civil		03/16/11	AM	GAKG-00247	3/22/11	03/18/11		3/18/2011	Approved
631	STRUC-1	STRUC-1 CP3303 (REV0) (110307)	25483-003-CP-3300-00001	0	Main STG GSU Transformer, Pile Location Plan	Drawing	Civil		03/07/11	AM	GAKG-00235	3/14/11	3/10/11 Superseded by REV1	3/16/11		CBO Comment Response Rec'd and zipped with doc in IW
632	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
633	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 <b>Superseded by REV 1</b>
634	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
635	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
636	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
637	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 - NDEU did not make corrections to calc nor include in Rev 1 package back to CBO with response to comments Calculation was returned in CBO Trans Dated 2/18/11
638	STRUC-1	STRUC-1 CP2401 (REV0) (110121)	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 - <b>Calc needs correction (same doc # on each pg, orientation) before resubmitting to CBO</b> <b>CALC WAS NOT INCLUDED IN REV 1 OF THIS COC#</b>
639	STRUC-1	STRUC-1 CP3301 (REV0) (110316)	25483-000-CPC-3300-00001	0	CTG Transformer Foundation, Pile Adequacy Check Calculation	Calculation	Civil		03/16/11	AM	GAKG-00245	3/22/11	3/21/11		3/21/11	Approved
640	STRUC-1	STRUC-1 CP7100 (REV1) (110310)	25483-000-CPC-7100-00001	1	BC Evaporator Foundation, Pile Adequacy Check Calculation	Calculation	Civil		03/10/11	AM	GAKG-00241	3/16/11	3/16/11		3/16/11	Approved
641	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-00216	3/3/11	3/3/2011 Superseded by REV1	3/10/11		CBO Comments Rec'd and zipped with Calc in IW
642	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
643	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
644	STRUC-1	STRUC-1 CP3303 (REV1) (110316)	25483-003-CP-3300-00001	1	STG Transformer Foundation, Pile adequacy check	Calculation	Civil		03/16/11	AM	GAKG-00247	3/22/11	03/18/11		3/18/2011	Approved

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645	STRUC-1	STRUC-1 CP3303 (REV0) (110307)	25483-003-CPC-3300-00001	0	STG Transformer Foundation, Pile adequacy check	Calculation	Civil		03/07/11	AM	GAKG-00235	3/14/11	3/10/2011			CBO Comments Rec'd and zipped with Calc in IW
646	STRUC-1	STRUC-1 D001 (REV1) (100428)	25483-000-DO-0000-00001	2	Civil-Structural Standards Concrete Sheet 1 General Notes and Legend	Drawing	Civil		04/28/11	AM	GAKG-00325	5/5/11	5/5/11		5/5/11	Approved
647	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
648	STRUC-1	STRUC-1 D001 (REV1) (100428)	25483-000-DO-0000-00002	1	Civil/Structural Standards Concrete Sheet 2 Typical Sections and Details	Drawing	Civil		04/28/11	AM	GAKG-00325	5/5/11	5/5/11		5/5/11	Approved
649	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
650	STRUC-1	STRUC-1 D001 (REV1) (100428)	25483-000-DO-0000-00003	0	Civil/Structural Standards Concrete Sheet 3 Typical Sections and Details	Drawing	Civil		04/28/11	RK	GAKG-00325	5/5/11	5/5/11		5/5/11	Approved
651	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
652	STRUC-1	STRUC-1 D001 (REV1) (100428)	25483-000-DO-0000-00004	1	Civil/Structural Standards Concrete Sheet 4 Typical Sections and Details	Drawing	Civil		04/28/11	AM	GAKG-00325	5/5/11	5/5/11		5/5/11	Approved
653	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
654	STRUC-1	STRUC-1 DB3301 (REV0) (110513)	25483-001-DA-3310-00001	0	CTG unit #1 Main & Auxiliary transformer,, detail of precast concrete fire wall, plan, sections & details	drawing	Civil		05/13/11	AM	GAKG-00373	6/3/11				
655	STRUC-1	STRUC-1 DB3301 (REV0) (110513)	25483-002-DA-3310-00001	0	CTG unit #2 Main & Auxiliary transformer,, detail of precast concrete fire wall, plan, sections & details	drawing	Civil		05/13/11	AM	GAKG-00373	6/3/11				
656	STRUC-1	STRUC-1 DB3303 (REV0) (110429)	25483-3-DA-3310-00001	0	Main STG GSU transformer, detail of precast concrete fire wall, plan, sections & details	Drawing	Civil		04/29/11	AM	GAKG-00332	5/20/11	5/17/11			Comments Received - zipped with Document in IW
657	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
658	STRUC-1	STRUC-1 DB1411 (REV0) (110511)	25483-0-DB-1411-00001	0	Combustion Turbine Unit #1 & #2, Area Slab, Concrete Neat Line Plan & Anchor bolt Detail.	Drawing	Civil		05/11/11	AM	GAKG-00364	6/1/11				
659	STRUC-1	STRUC-1 DB1411 (REV0) (110511)	25483-0-DB-1491-00001	0	Combustion Turbine Area Unit #1 & #2, Area Slab rebar Detail & Sections	Drawing	Civil		05/11/11	AM	GAKG-00364	6/1/11				
660	STRUC-1		25483-000-DB-2111-00001		INTERNAL DRAIN TANK PIT PLAN, SECTIONS & DETAILS		Civil	Q2, 2011								
661	STRUC-1		25483-000-DB-2111-00002		INTERNAL DRAIN TANK PIT SECTIONS AND DETAILS		Civil	Q2, 2011								
662	STRUC-1		25483-000-DB-3200-00001		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION		Civil	Q2, 2011								
663	STRUC-1		25483-000-DB-3290-00001		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION SECTIONS AND DETAILS		Civil	Q2, 2011								
664	STRUC-1		25483-000-DB-3290-00002		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION		Civil	Q1, 2011								
665	STRUC-1	STRUC-1 DB6102 (REV0) (110418)	25483-000-DB-6110-00001	0	AMMONIA STORAGE TANK FOUNDATION PLAN SECTIONS AND DETAILS	Drawing	Civil		04/18/11	AM	GAKG-00307	5/9/11	5/11/11		5/11/11	Approved
666	STRUC-1	STRUC-1 DB6101 (REV0) (110415)	25483-000-DB-6110-00001	0	AMMONIA STORAGE TANK FOUNDATION PLAN SECTIONS AND DETAILS	Drawing	Civil		04/15/11	AM	GAKG-00306	5/5/11				COC# DB6101 used on GAKG-242 zip file. Actual Transmittal Resubmitted to CBO with fresh submittal no.
667	STRUC-1		25483-000-DB-7110-00001		FIRE/FILTER & DEMINERALIZED WATER TANK FOUNDATIONS PLAN - SECTION AND DETAILS		Civil	Q2, 2011								
668	STRUC-1		25483-000-DB-7110-00002		WATER TREATMENT BUILDING FOUNDATION PLAN		Civil	Q2, 2011								
669	STRUC-1		25483-000-DB-7110-00003		WATER TREATMENT BUILDING PAD & ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
670	STRUC-1		25483-000-DB-7110-00004		WATER TREATMENT MISC. YARD EQUIPMENT FOUNDATION		Civil	Q2, 2011								
671	STRUC-1		25483-000-DB-7190-00001		TITLE 22 RECYCLED WATER TREATMENT FACILITY FOUNDATIONS SECTIONS & DETAILS		Civil	Q2, 2011								
672	STRUC-1		25483-000-DB-7190-00002		ZERO LIQUID DISCHARGE FACILITY FOUNDATIONS SECTIONS & DETAILS		Civil	Q2, 2011								
673	STRUC-1		25483-000-DB-7210-00002		COOLING TOWER CONCRETE FOUNDATIONS SHEET 1		Civil	Q2, 2011								
674	STRUC-1		25483-000-DB-7210-00003		COOLING TOWER CONCRETE FOUNDATIONS SHEET 2		Civil	Q2, 2011								

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675	STRUC-1		25483-000-DB-7210-00004		COOLING TOWER CONCRETE FOUNDATIONS SHEET 3		Civil	Q2, 2011								
676	STRUC-1		25483-000-DB-7210-00005		COOLING TOWER CONCRETE FOUNDATIONS SHEET 4		Civil	Q2, 2011								
677	STRUC-1		25483-000-DB-7290-00001		COOLING TOWER CONCRETE NEAT LINE AND REINFORCING		Civil	Q2, 2011								
678	STRUC-1	STRUC-1 DB7301 (REV0) (110503)	25483-0-DB-7310-00001	0	Cooling Tower Forebay, Plan, section and details	Drawing	Civil		05/03/11	AM	GAKG-00334	5/24/11				
679	STRUC-1	STRUC-1 DB7301 (REV0) (110503)	25483-0-DB-7310-00002	0	Cooling Tower Forebay, screen and stop log details	Drawing	Civil		05/03/11	AM	GAKG-00334	5/24/11				
680	STRUC-1		25483-000-DB-7710-00001		OIL/WATER SEPARATOR-FOUNDATIONS PLAN SECTIONS AND DETAILS		Civil	Q2, 2011								
681	STRUC-1		25483-000-DB-9010-00001		MISCELLANEOUS CONCRETE FOUNDATION		Civil	Q2, 2011								
682	STRUC-1		25483-000-DB-9010-00002		MISCELLANEOUS CONCRETE FOUNDATION SHEET 2		Civil	Q2, 2011								
683	STRUC-1		25483-000-DB-9210-00001		PIPE RACK FOUNDATION CONCRETE NEAT LINE & REINFORCING PLAN, SHEET 1		Civil	Q2, 2011								
684	STRUC-1		25483-000-DB-9210-00002		PIPE RACK FOUNDATION CONCRETE NEAT LINE & REINFORCING PLAN, SHEET 2		Civil	Q2, 2011								
685	STRUC-1		25483-000-DB-9290-00001		PIPE RACK FOUNDATION SECTIONS AND DETAILS		Civil	Q2, 2011								
686	STRUC-1	STRUC-1 DB1101 (REV3) (110510)	25483-001-DB-1110-00001	2	HRSG & Stack Unit #1, Foundation concrete Neat Line (Sheet 1)	Drawing	Civil		05/10/11	AM	GAKG-00357	5/31/11				
687	STRUC-1	STRUC-1 DB1101 (REV2) (110421)	25483-001-DB-1110-00001	2	HRSG & Stack Unit #1, Foundation concrete Neat Line (Sheet 1)	Drawing	Civil		04/21/11	AM	GAKG-00314	5/12/11	5/4/11			CBO Comments Received - Zipped with Document in InfoWorks
688	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	2/24/11	2/24/11	Approved	2/24/11
689	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
690	STRUC-1	STRUC-1 DB1101 (REV3) (110510)	25483-001-DB-1110-00002	1	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)	Drawing	Civil		05/10/11	AM	GAKG-00357	5/31/11				
691	STRUC-1	STRUC-1 DB1101 (REV2) (110421)	25483-001-DB-1110-00002	1	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)	Drawing	Civil		04/21/11	AM	GAKG-00314	5/12/11	5/4/11			CBO Comments Received - Zipped with Document in InfoWorks
692	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	2/24/11 Superseded by REV2		2/24/11	Approved
693	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
694	STRUC-1		25483-001-DB-1111-00001		HRSG #1 AREA SLAB NEAT LINE & ANCHOR BOLT LOCATION PLAN		Civil	Q1, 2011								
695	STRUC-1		25483-001-DB-1210-00001		BOILER FEEDPUMP BUILDING #1 FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
696	STRUC-1		25483-001-DB-1210-00002		BOILER FEEDWATER PUMP 1A & 1B FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
697	STRUC-1		25483-001-DB-1210-00003		UNIT 1 BOILER FEED PUMP CHEMICAL SUN SHADE FDN		Civil	Q2, 2011								
698	STRUC-1		25483-001-DB-1400-00001		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS		Civil	Q2, 2011								
699	STRUC-1	STRUC-1 DB1401 (REV1) (110329)	25483-001-DB-1410-00001	1	COMBUSTION TURBINE NO. 1 NEAT LINE & EMBEDMENT PLAN	Drawing	Civil		03/29/11	AM	GAKG-00260	4/19/11	4/18/11			CBO Comments received, zipped with doc in IW and distributed
700	STRUC-1	STRUC-1 DB1401 (REV0) (110301)	25483-001-DB-1410-00001	0	COMBUSTION TURBINE NO. 1 NEAT LINE & EMBEDMENT PLAN	Drawing	Civil		03/01/11	AM	GAKG-00228	3/21/11	3/14/11			CBO Comments received, zipped with doc in IW and distributed - iNotification 000002301
701	STRUC-1	STRUC-1 DB1411 (REV0) (110511)	25483-001-DB-1411-00001	0	Exhaust diffuser & Fire Protection skid, Unit #1, Foundation Plan & details	drawing	Civil		05/11/11	AM	GAKG-00364	6/1/11				
702	STRUC-1		25483-001-DB-1490-00001		COMBUSTION TURBINE NO. 1 SECTIONS & DETAILS		Civil	Q2, 2011								

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703	STRUC-1		25483-001-DB-1491-00001		CT #1 AREA SLAB SECTION AND DETAILS		Civil	Q2, 2011								
704	STRUC-1		25483-001-DB-1491-00004		COMBUSTION TURBINE #1 ELECTRICAL VAULT SECTIONS & DETAILS		Civil	Q2, 2011								
705	STRUC-1	STRUC-1 DB3301 (REV0) (110513)	25483-001-DB-3310-00001	0	COMBUSTION TURBINE #1 MAIN AND UNIT AUX TRANSFORMER FOUNDATION PLAN & SECTIONS	drawing	Civil		05/13/11	AM	GAKG-00373	6/3/11				
706	STRUC-1		25483-001-DB-3390-00001		COMBUSTION TURBINE #1 MAIN AND UNIT AUX TRANSFORMER FOUNDATION SECTIONS & DETAILS		Civil	Q2, 2011								
707	STRUC-1		25483-001-DB-4110-00001		AIR INLET FILTER/SILENCER #1 FOUNDATION PLAN SECTIONS & DETAILS		Civil	Q2, 2011								
708	STRUC-1		25483-001-DB-4410-00001		UNIT 1 CEMS FOUNDATION CONCRETE NEAT LINE & REINFORCING		Civil	Q2, 2011								
709	STRUC-1	STRUC-1 DB1101 (REV3) (110510)	25483-002-DB-1110-00001	2	HRSG & STACK UNIT #2, FOUNDATION CONCRETE NEAT 1 LINE (SHEET 1)	Drawing	Civil		05/10/11	AM	GAKG-00357	5/31/11				
710	STRUC-1	STRUC-1 DB1101 (REV2) (110421)	25483-002-DB-1110-00001	2	HRSG & STACK UNIT #2, FOUNDATION CONCRETE NEAT 1 LINE (SHEET 1)	Drawing	Civil		04/21/11	AM	GAKG-00314	5/12/11	5/4/11			CBO Comments Received - Zipped with Document in InfoWorks
711	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	2/24/11		2/24/11	Approved
712	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
713	STRUC-1	STRUC-1 DB1101 (REV3) (110510)	25483-002-DB-1110-00002	1	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)	Drawing	Civil		05/10/11	AM	GAKG-00357	5/31/11				
714	STRUC-1	STRUC-1 DB1101 (REV2) (110421)	25483-002-DB-1110-00002	1	HRSG & STACK UNIT 1, FOUNDATION CONCRETE NEAT LINE (SHEET 2)	Drawing	Civil		04/21/11	AM	GAKG-00314	5/12/11	5/4/11			CBO Comments Received - Zipped with Document in InfoWorks
715	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	2/24/11		2/24/11	Approved
716	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
717	STRUC-1	STRUC-1 DB1102 (REV0) (110518)	25483-002-DB-1111-00001	0	HRSG Area Slab Unit 2 Plan Sections and Details	drawing	Civil		05/18/11	AM	GAKG-00377	5/25/11				
718	STRUC-1		25483-002-DB-1210-00001		BOILER FEEDPUMP BUILDING #2 FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
719	STRUC-1		25483-002-DB-1210-00002		BOILER FEEDWATER PUMP 2A & 2B FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
720	STRUC-1		25483-002-DB-1210-00003		UNIT 2 BOILER FEED PUMP CHEMICAL SUN SHADE FDN		Civil	Q2, 2011								
721	STRUC-1		25483-002-DB-1400-00001		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS		Civil	Q1, 2011								
722	STRUC-1	STRUC-1 DB1401 (REV1) (110329)	25483-002-DB-1410-00001	1	COMBUSTION TURBINE UNIT 2 FOUNDATION NEAT LINE AND EMBEDMENT PLAN	Drawing	Civil		03/29/11	AM	GAKG-00260	4/19/11	4/18/11			CBO Comments received, zipped with doc in IW and distributed
723	STRUC-1	STRUC-1 DB1401 (REV0) (110301)	25483-002-DB-1410-00001	0	COMBUSTION TURBINE UNIT 2 FOUNDATION NEAT LINE AND EMBEDMENT PLAN	Drawing	Civil		03/01/11	AM	GAKG-00228	3/21/11	3/14/11			CBO Comments received, zipped with doc in IW and distributed - iNotification 000002301
724	STRUC-1	STRUC-1 DB1411 (REV0) (110511)	25483-002-DB-1411-00001	0	Exhaust diffuser & Fire Protection skid, Unit #2, Foundation Plan & details	drawing	Civil		05/11/11	AM	GAKG-00364	6/1/11				
725	STRUC-1		25483-002-DB-1490-00001		CT #2 SECTIONS AND DETAILS		Civil	Q2, 2011								
726	STRUC-1		25483-002-DB-1491-00001		CT #2 AREA FOUNDATION SECTION AND DETAILS		Civil	Q2, 2011								
727	STRUC-1		25483-002-DB-1491-00003		COMBUSTION TURBINE #2 ELECTRICAL VAULT CONCRETE NEAT LINE & REINFORCING		Civil	Q2, 2011								
728	STRUC-1		25483-002-DB-1491-00004		COMBUSTION TURBINE #2 ELECTRICAL VAULT SECTIONS & DETAILS		Civil	Q2, 2011								
729	STRUC-1	STRUC-1 DB3301 (REV0) (110513)	25483-002-DB-3310-00001	0	COMBUSTION TURBINE #2 MAIN AND UNIT AUX TRANSFORMER FOUNDATION PLAN & SECTIONS	Drawing	Civil		05/13/11	AM	GAKG-00373	6/3/11				

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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
730	STRUC-1		25483-002-DB-3390-00001		COMBUSTION TURBINE #2 MAIN AND UNIT AUX TRANSFORMER FOUNDATION SECTIONS & DETAILS		Civil	Q2, 2011								
731	STRUC-1		25483-002-DB-4110-00001		AIR INLET FILTER/SILENCER #2 FOUNDATION PLAN SECTIONS & DETAILS		Civil	Q2, 2011								
732	STRUC-1		25483-003-DB-2110-00001		STEAM TURBINE AREA FOUNDATION PLAN		Civil	Q2, 2011								
733	STRUC-1		25483-003-DB-2111-00003		GLAND STEAM SKID PLATFORM FOUNDATION		Civil	Q2, 2011								
734	STRUC-1		25483-003-DB-2112-00001		STEAM JET AIR EJECTOR FOUNDATIONS		Civil	Q2, 2011								
735	STRUC-1		25483-003-DB-2190-00001		STEAM TURBINE AREA FOUNDATION SECTIONS AND DETAILS		Civil	Q2, 2011								
736	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DB-2410-00001	0	Steam Turbine Pedestal, Foundation Mat, Concrete neat line and Embedment Plan	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
737	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DB-2410-00001	0	Steam Turbine Pedestal, Foundation Mat, Concrete neat line and Embedment Plan	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
738	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DB-2420-00001	0	Steam Turbine Pedestal, Operating Deck, Concrete neat line plan	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
739	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DB-2420-00001	0	Steam Turbine Pedestal, Operating Deck, Concrete neat line plan	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
740	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DB-2490-00001	0	Steam Turbine Pedestal, Foundation Concrete, Elevations and Sections Sheet #1	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
741	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DB-2490-00001	0	Steam Turbine Pedestal, Foundation Concrete, Elevations and Sections Sheet #1	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
742	STRUC-1	STRUC-1 DB3303 (REV0) (110429)	25483-003-DB-3310-00001	0	Main STG GSU transformer, Foundation Plan, sections & details	Drawing	Civil		04/29/11	AM	GAKG-00332	5/20/11	5/17/11			Comments Received - zipped with Documents in IW
743	STRUC-1		25483-003-DB-3410-00001		STEAM TURBINE FOUNDATION NEAT LINE PLAN AND SECTIONS		Civil	Q2, 2011								
744	STRUC-1		25483-003-DB-3490-00001		STEAM TURBINE FOUNDATION PLAN AND SECTIONS		Civil	Q2, 2011								
745	STRUC-1		25483-003-DB-3490-00002		STEAM TURBINE FOUNDATION SECTIONS AND DETAIL		Civil	Q2, 2011								
746	STRUC-1	STRUC-1 CPC02 (REV1) (110505)	25483-000-DBC-0000-00001	1	Fixed-Head Pile Embedment Calculation	Calculation	Civil		05/05/11	RK	GAKG-345	5/26/11				
747	STRUC-1	STRUC-1 CPC02 (REV0) (110209)	25483-000-DBC-0000-00001	0	Fixed-Head Pile Embedment Calculation	Calculation	Civil		12/09/10	RK	GAKG-00105	12/30/10	12/29/10			CBO Comments Received - Zipped with Document in InfoWorks
748	STRUC-1	STRUC-1 DB1101 (REV1) (110217)	25483-000-DBC-1100-00001	1	HRSG & STACK PILECAP CALCULATION	Calculation	Civil		02/16/11	AM	GAKG-00205	2/24/11	2/24/11		2/24/11	Approved
749	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
750	STRUC-1	STRUC-1 DB1110 (REV2) (110510)	25483-000-DBC-1110-00002	1	DESIGN OF HRSG STAIRTOWER FOUNDATION CALCULATION	Calculation	Civil		05/10/11	AM	GAKG-00356	5/31/11				
751	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
752	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
753	STRUC-1		25483-000-DBC-1110-00004		HRSG STAIR FOUNDATION, UNIT 2		Civil	Q1, 2011								
754	STRUC-1		25483-000-DBC-1110-00005		HRSG AREA SLAB		Civil	Q1, 2011								
755	STRUC-1		25483-000-DBC-1110-00006		KETTLE BOILER PIERS		Civil	Q2, 2011								
756	STRUC-1		25483-000-DBC-1210-00001		BOILER FEEDWATER PUMP BUILDING FOUNDATION		Civil	Q2, 2011								
757	STRUC-1		25483-000-DBC-1210-00002		BOILER FEEDWATER PUMP FOUNDATION DESIGN		Civil	Q2, 2011								
758	STRUC-1		25483-000-DBC-1210-00003		CHEMICAL SUN SHADE AND FEED SYSTEM FOUNDATIONS		Civil	Q2, 2011								
759	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

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760	STRUC-1		25483-000-DBC-1400-00001		COMBUSTION TURBINE WASH WATER SUMP CALCULATION		Civil	Q2, 2011								
761	STRUC-1		25483-000-DBC-1400-00002		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS		Civil	Q1, 2011								
762	STRUC-1	STRUC-1 CP1401 (REV4) (110309)	25483-000-DBC-1410-00001	1	CTG FOUNDATION - ANALYSIS AND DESIGN CALCULATION	Calculation	Civil		03/09/11	AM	GAKG-00236	3/11/11	3/16/11		3/16/11	Approved
763	STRUC-1	STRUC-1 CP1401 (REV3) (110308)	25483-000-DBC-1410-00001	1	CTG FOUNDATION - ANALYSIS AND DESIGN CALCULATION	Calculation	Civil		03/08/11	AM	GAKG-00236	3/10/11	Superseded by REV4			Removed approved 25483-000-CP-1400-00001 drawing from response to CBO package. Per CBO - dwg not to be submitted as reference since it was already approved
764	STRUC-1	STRUC-1 CP1401 (REV2) (110301)	25483-000-DBC-1410-00001	1	CTG FOUNDATION - ANALYSIS AND DESIGN CALCULATION	Calculation	Civil		03/01/11	AM	GAKG-00229	3/7/11	3/4/11 Superseded by REV3	3/8/11		CBO Comments zipped with doc in IW and distrib
765	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	1/14/2011 Superseded by REV2	12/30/10	1/14/11	Approved
766	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
767	STRUC-1	STRUC-1 DB1401 (REV1) (110329)	25483-000-DBC-1410-00002	1	CTG FOUNDATION - PILE CAP AND EMBED DESIGN CALCULATION	Calculation	Civil		03/29/11	AM	GAKG-00260	4/19/11	4/18/11			CBO Comments received, zipped with doc in IW and distributed
768	STRUC-1	STRUC-1 DB1401 (REV0) (110301)	25483-000-DBC-1410-00002	0	CTG FOUNDATION - PILE CAP AND EMBED DESIGN CALCULATION	Calculation	Civil		03/01/11	AM	GAKG-00228	3/21/11	3/14/11			CBO Comments received, zipped with doc in IW and distributed - iNotification 000002301
769	STRUC-1		25483-000-DBC-1411-00001		COMBUSTION TURBINE - AIR INLET AND SILENCER FOUNDATION, UNIT 1 CALC		Civil	Q2, 2011								
770	STRUC-1	STRUC-1 DB1411 (REV0) (110511)	25483-000-DBC-1411-00002	0	CTG Area Foundation-Analysis and Design	Calculation	Civil		05/11/11	AM	GAKG-00364	6/1/11				
771	STRUC-1		25483-000-DBC-1411-00003		COMBUSTION TURBINE AREA SLAB		Civil	Q2, 2011								
772	STRUC-1		25483-000-DBC-1411-00004		DESIGN OF EXHAUST FOUNDATION INTERFACE		Civil	Q2, 2011								
773	STRUC-1		25483-000-DBC-1411-00005		CT GENERATOR BREAKER FOUNDATION		Civil	Q2, 2011								
774	STRUC-1		25483-000-DBC-1491-00001		COMBUSTION TURBINE ELECTRIC PEEC STEEL DESIGN CALC		Civil	Q2, 2011								
775	STRUC-1		25483-000-DBC-1491-00002		COMBUSTION TURBINE - ANCHOR BOLT ON PEEC PACKAGE		Civil	Q2, 2011								
776	STRUC-1		25483-000-DBC-2111-00001		INTERNAL DRAIN TANK SUMP		Civil	Q2, 2011								
777	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DB-2490-00002	0	Steam Turbine Pedestal, Foundation Concrete, Elevations and Sections Sheet #2	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
778	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DB-2490-00002	0	Steam Turbine Pedestal, Foundation Concrete, Elevations and Sections Sheet #2	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
779	STRUC-1		25483-000-DBC-3200-00001		DESIGN OF SWITCHGEAR BUILDING VAULT		Civil	Q2, 2011								
780	STRUC-1		25483-000-DBC-3200-00002		DUCT BANK OPENINGS IN PIT WALLS OF SWITCHGEAR BUILDING		Civil	Q1, 2011								
781	STRUC-1		25483-000-DBC-3200-00003		SWITCHGEAR BUILDING SLAB ON GRADE		Civil	Q1, 2011								
782	STRUC-1	STRUC-1 DB3301 (REV0) (110513)	25483-000-DBC-3310-00001	0	DESIGN OF FOUNDATION AND PIT FOR CTG TRANSFORMER AND UNIT AUX TRANSFORMER	calculation	Civil		05/13/11	AM	GAKG-00373	6/3/11				
783	STRUC-1		25483-000-DBC-3310-00002		DESIGN OF EMBEDDED PLATES FOR CTG TRANSFORMER AND UNIT AUX TRANSFORMER		Civil	Q2, 2011								
784	STRUC-1		25483-000-DBC-4410-00001		CEMS FOUNDATION DESIGN		Civil	Q2, 2011								
785	STRUC-1	STRUC-1 CP6101 (REV0) (110311)	25483-000-DBC-6110-00001	0	Design of Gas Compressor Skid Foundation	Calculation	Civil		03/11/11	AM	GAKG-00242	3/17/11	3/17/11		3/17/11	Approved
786	STRUC-1		25483-000-DBC-7110-00001		FIELD ERECTED TANK FOUNDATIONS		Civil	Q2, 2011								
787	STRUC-1		25483-000-DBC-7110-00002		WATER TREATMENT BUILDING FOUNDATION AND ASSOCIATED EQUIPMENT		Civil	Q2, 2011								
788	STRUC-1		25483-000-DBC-7110-00003		WATER TREATMENT BUILDING - MASONRY WALL DESIGN		Civil	Q2, 2011								
789	STRUC-1		25483-000-DBC-7110-00004		MISC. WATER TREATMENT SYSTEM YARD EQUIPMENT FOUNDATION		Civil	Q2, 2011								

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790	STRUC-1		25483-000-DBC-7200-00001		CONDENSATE PUMP FOUNDATION CALCULATIONS		Civil	Q2, 2011								
791	STRUC-1		25483-000-DBC-7210-00001		COOLING TOWER FOUNDATION DESIGN		Civil	Q2, 2011								
792	STRUC-1		25483-000-DBC-7210-00003		COOLING TOWER ANCHOR BOLT DUCTILITY CALC		Civil	Q2, 2011								
793	STRUC-1		25483-000-DBC-7210-00004		COOLING TOWER STAIR FOUNDATION CLACULATION		Civil	Q2, 2011								
794	STRUC-1		25483-000-DBC-7210-00005		CONDENSATE COOLING TOWER TANK FOUNDATION		Civil	Q2, 2011								
795	STRUC-1		25483-000-DBC-7210-00009		COOLING TOWER/MCC BUILDING SLAB ON GRADE		Civil	Q2, 2011								
796	STRUC-1	STRUC-1 DB7301 (REV0) (110503)	25483-000-DBC-7310-00001	0	Design of CW Forebay	Calculation	Civil		05/03/11	AM	GAKG-00334	5/24/11				
797	STRUC-1		25483-000-DBC-9210-00001		PIPE RACK AND STAIR TOWER FOUNDATION		Civil	Q2, 2011								
798	STRUC-1		25483-000-DBC-9210-00002		GAS PREHEATER PIER DESIGN		Civil	Q2, 2011								
799	STRUC-1	STRUC-1 DB1102 (REV0) (110518)	25483-002-DBC-1111-00001	0	Unit 2 HRSG area slab foundation-Analysis and design	Calculation	Civil		05/18/11	AM	GAKG-00377	5/25/11				
800	STRUC-1		25483-003-DBC-2110-00001		DESIGN OF STEAM TURBINE AREA SLAB FOUNDATION		Civil	Q2, 2011								
801	STRUC-1		25483-003-DBC-2110-00002		DESIGN OF STEAM TURBINE GENERATOR AIR INLET FILTER FOUNDATION		Civil	Q2, 2011								
802	STRUC-1		25483-003-DBC-2110-00003		GLAND STEAM SKID FOUNDATION		Civil	Q2, 2011								
803	STRUC-1		25483-003-DBC-2110-00006		STEAM JET AIR EJECTOR PLATFORM FOUNDATIONS		Civil	Q2, 2011								
804	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-000-DBC-2410-00001	0	Steam Turbine Generator Dynamic Analysis and MTM	Calculation	Civil		05/13/11	AM	GAKG-00374	6/3/11				
805	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-000-DBC-2410-00001	0	Steam Turbine Generator Dynamic Analysis and MTM	Calculation	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
806	STRUC-1	STRUC-1 DB3303 (REV0) (110429)	25483-3-DBC-3310-00001	0	STG Transformer Foundation	Calculation	Civil		04/29/11	AM	GAKG-00332	5/20/11	5/17/11			Comments Received - zipped with Documents in IW
807	STRUC-1		25483-003-DBC-3310-00003		DESIGN OF FOUNDATION AND PIT FOR STG TRANSFORMER		Civil	Q2, 2011								
808	STRUC-1	STRUC-1 DB1101 (REV3) (110510)	25483-000-DD-1110-00001	1	HRSG & STACK UNIT 1 & UNIT 2 FOUNDATION SOLE PLATE & SHEAR KEY DETAILS	Drawing	Civil		05/10/11	AM	GAKG-00357	5/31/11				
809	STRUC-1	STRUC-1 DB1101 (REV2) (110421)	25483-000-DD-1110-00001	1	HRSG & STACK UNIT 1 & UNIT 2 FOUNDATION SOLE PLATE & SHEAR KEY DETAILS	Drawing	Civil		04/21/11	AM	GAKG-00314	5/12/11	5/4/11			CBO Comments Received - Zipped with Document in InfoWorks
810	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	2/24/11		2/24/11	Approved
811	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
812	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	2/24/11		2/24/11	Approved
813	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
814	STRUC-1	STRUC-1 DB1401 (REV1) (110329)	25483-000-DD-1410-00001	0	COMBUSTION TURBINE UNIT 1 AND 2 FOUNDATION ANCHOR BOLT LOCATION PLAN AND DETAILS	Drawing	Civil		03/29/11	AM	GAKG-00260	4/19/11	4/18/11			CBO Comments received, zipped with doc in IW and distributed
815	STRUC-1	STRUC-1 DB1401 (REV0) (110301)	25483-000-DD-1410-00001	0	COMBUSTION TURBINE UNIT 1 AND 2 FOUNDATION ANCHOR BOLT LOCATION PLAN AND DETAILS	Drawing	Civil		03/01/11	AM	GAKG-00228	3/21/11	3/14/11			CBO Comments received, zipped with doc in IW and distributed - iNotification 000002301
816	STRUC-1		25483-001-DD-1410-00001		CT #1 ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
817	STRUC-1		25483-001-DD-1410-00002		CT #1 MAXIBOLT LOCATION PLAN		Civil	Q2, 2011								
818	STRUC-1		25483-001-DD-1411-00001		COMBUSTION TURBINE #1 AREA SLAB ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
819	STRUC-1		25483-002-DD-1410-00001		CT #2 ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
820	STRUC-1		25483-002-DD-1410-00002		CT #2 MAXIBOLT LOCATION PLAN		Civil	Q2, 2011								

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
821	STRUC-1		25483-002-DD-1411-00001		COMBUSTION TURBINE #2 AREA SLAB ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
822	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-000-DBC-2410-00002	0	Steam Turbine Generator Reinforced concrete and embed design	Calculation	Civil		05/13/11	AM	GAKG-00374	6/3/11				
823	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-000-DBC-2410-00002	0	Steam Turbine Generator Reinforced concrete and embed design	Calculation	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
824	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DD-2420-00001	0	Steam Turbine Pedestal, Operating Deck, Anchor bolt location & details	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
825	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DD-2420-00001	0	Steam Turbine Pedestal, Operating Deck, Anchor bolt location & details	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
826	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DD-2420-00002	0	Steam Turbine Pedestal, Operating Deck, Embedded items, Sheet #1	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
827	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DD-2420-00002	0	Steam Turbine Pedestal, Operating Deck, Embedded items, Sheet #1	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
828	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DD-2420-00003	0	Steam Turbine Pedestal, Operating Deck, Embedded items, Sheet #2	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
829	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DD-2420-00003	0	Steam Turbine Pedestal, Operating Deck, Embedded items, Sheet #2	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
830	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DD-2420-00004	0	Steam Turbine Pedestal, Foundation Concrete, Embedded Steel details	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
831	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DD-2420-00004	0	Steam Turbine Pedestal, Foundation Concrete, Embedded Steel details	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
832	STRUC-1		25483-003-DD-2410-00001		STEAM TURBINE PEDESTAL ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
833	STRUC-1		25483-003-DD-2410-00002		STEAM TURBINE PEDESTAL EMBEDMENT PLAN		Civil	Q2, 2011								
834	STRUC-1		25483-003-DD-2490-00001		STEAM TURBINE PEDESTAL EMBEDMENT SECTIONS & DETAILS, SHT 1		Civil	Q2, 2011								
835	STRUC-1		25483-003-DD-2490-00002		STEAM TURBINE PEDESTAL EMBEDMENT SECTIONS & DETAILS, SHT 2		Civil	Q2, 2011								
836	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	2/24/11		2/24/11	Approved
837	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
838	STRUC-1		25483-000-DDC-1410-00001		COMBUSTION TURBINE - ANCHOR BOLT DUCTILITY CALC		Civil	Q2, 2011								
839	STRUC-1		25483-003-DDC-2410-00001		DESIGN OF ANCHOR BOLTS FOR STEAM TURBINE		Civil	Q2, 2011								
840	STRUC-1		25483-003-DDC-2410-00002		DESIGN OF TRANSVERSE & ANCHOR PLATES FOR STEAM TURBINE		Civil	Q2, 2011								
841	STRUC-1	STRUC-1 DB1101 (REV3) (110510)	25483-000-DG-1110-00001	3	HRSG & Stack Unit #1 & Unit #2, Foundation,	Drawing	Civil		05/10/11	AM	GAKG-00357	5/31/11				
842	STRUC-1	STRUC-1 DB1101 (REV2) (110421)	25483-000-DG-1110-00001	2	HRSG & Stack Unit #1 & Unit #2, Foundation,	Drawing	Civil		04/21/11	AM	GAKG-00314	5/12/11	5/4/11			CBO Comments Received - Zipped with Document in InfoWorks
843	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	2/24/11		2/24/11	Approved
844	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
845	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	2/24/11		2/24/11	Approved

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
846	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
847	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	2/24/11		2/24/11	Approved
848	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
849	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	2/24/11		2/24/11	Approved
850	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 Superseded by REV1	2/16/11		CBO Comments received - zipped with doc in IW and distributed to RE
851	STRUC-1	STRUC-1 DB7301 (REV0) (110503)	25483-0-DG-7310-00001	0	Cooling Tower Forebay, rebar details and sections	Drawing	Civil		05/03/11	AM	GAKG-00334	5/24/11				
852	STRUC-1		25483-001-DG-1110-00001		HRSG/STACK #1 FOUNDATION BOTTOM REINFORCING PLAN		Civil	Q1, 2011								
853	STRUC-1		25483-001-DG-1110-00002		HRSG/STACK #1 FOUNDATION TOP REINFORCING PLAN		Civil	Q1, 2011								
854	STRUC-1		25483-001-DG-1190-00001		HRSG/STACK #1 FOUNDATION REINFORCING SECTIONS		Civil	Q1, 2011								
855	STRUC-1	STRUC-1 DB1401 (REV1) (110329)	25483-000-DG-1410-00001	1	COMBUSTION TRUBINE UNIT 1 AND 2 FOUNDATION REINFORCING PLAN	Drawing	Civil		03/29/11	AM	GAKG-00260	4/19/11	4/18/11			CBO Comments received, zipped with doc in IW and distributed
856	STRUC-1	STRUC-1 DB1401 (REV0) (110301)	25483-000-DG-1410-00001	0	COMBUSTION TRUBINE UNIT 1 AND 2 FOUNDATION REINFORCING PLAN	Drawing	Civil		03/01/11	AM	GAKG-00228	3/21/11	3/14/11			CBO Comments received, zipped with doc in IW and distributed - iNotification 000002301
857	STRUC-1	STRUC-1 DB1401 (REV1) (110329)	25483-000-DG-1490-00001	1	COMBUSTION TURBINE UNIT 1 AND 2 FOUNDATION REINFORCING DETAIL AROUND ANCHOR BOLTS	Drawing	Civil		03/29/11	AM	GAKG-00260	4/19/11	4/18/11			CBO Comments received, zipped with doc in IW and distributed
858	STRUC-1	STRUC-1 DB1401 (REV0) (110301)	25483-000-DG-1490-00001	0	COMBUSTION TURBINE UNIT 1 AND 2 FOUNDATION REINFORCING DETAIL AROUND ANCHOR BOLTS	Drawing	Civil		03/01/11	AM	GAKG-00228	3/21/11	3/14/11			CBO Comments received, zipped with doc in IW and distributed - iNotification 000002301
859	STRUC-1		25483-001-DG-1410-00001		CT #1 REINFORCING PLAN		Civil	Q2, 2011								
860	STRUC-1		25483-001-DG-1490-00001		CT #1 SECTIONS AND DETAILS		Civil	Q2, 2011								
861	STRUC-1		25483-002-DG-1110-00001		HRSG/STACK #2 AREA SLAB ANCHOR BOLT LOCATION PLAN		Civil	Q2, 2011								
862	STRUC-1		25483-002-DG-1110-00002		HRSG/STACK #2 FOUNDATION TOP REINFORCING PLAN		Civil	Q1, 2011								
863	STRUC-1		25483-002-DG-1190-00001		HRSG/STACK #2 FOUNDATION REINFORCING SECTIONS		Civil	Q1, 2011								
864	STRUC-1		25483-002-DG-1410-00001		CT #2 REINFORCING PLAN		Civil	Q2, 2011								
865	STRUC-1		25483-002-DG-1490-00001		CT #2 SECTIONS AND DETAILS		Civil	Q2, 2011								
866	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DG-2410-00001	0	Steam Turbine Mat, Reinforcing Plan & Details	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
867	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DG-2410-00001	0	Steam Turbine Mat, Reinforcing Plan & Details	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
868	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DG-2420-00001	0	Steam Turbine Pedestal, Operating Deck, Reinforcing plan, Sheet 1	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
869	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DG-2420-00001	0	Steam Turbine Pedestal, Operating Deck, Reinforcing plan, Sheet 1	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
870	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DG-2420-00002	0	Steam Turbine Pedestal, Operating Deck, Reinforcing plan, Sheet 2	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
871	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DG-2420-00002	0	Steam Turbine Pedestal, Operating Deck, Reinforcing plan, Sheet 2	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
872	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DG-2420-00003	0	Steam Turbine Pedestal, Operating Deck, Reinforcing plan, Sheet 3	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
873	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DG-2420-00003	0	Steam Turbine Pedestal, Operating Deck, Reinforcing plan, Sheet 3	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
874	STRUC-1	STRUC-1 DB2401 (REV1) (110513)	25483-003-DG-2490-00001	0	Steam Turbine Pedestal, Reinforcing sections & details	Drawing	Civil		05/13/11	AM	GAKG-00374	6/3/11				
875	STRUC-1	STRUC-1 DB2401 (REV0) (110406)	25483-003-DG-2490-00001	0	Steam Turbine Pedestal, Reinforcing sections & details	Drawing	Civil		04/06/11	AM	GAKG-00282	4/27/11	4/27/11			CBO comments received & zipped with documents
876	STRUC-1		25483-003-DG-2490-00002		STEAM TURBINE PEDESTAL REINFORCING SECTIONS & DETAILS, SHT 2		Civil	Q2, 2011								
877	STRUC-1		25483-003-DGC-2410-00001		STEAM TURBINE FOUNDATION DESIGN		Civil	Q2, 2011								
878	STRUC-1	STRUC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00003	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 1 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00221	3/18/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed - iNotification 000002296
879	STRUC-1	STRUC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00004	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 2 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00221	3/18/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed - iNotification 000002296
880	STRUC-1	STRUC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00005	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 3 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00221	3/18/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed - iNotification 000002296
881	STRUC-1	STRUC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00006	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 4 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00221	3/18/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed - iNotification 000002296
882	STRUC-1	STRUC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00007	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 5 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00221	3/18/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed - iNotification 000002296
883	STRUC-1	STRUC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00008	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 6 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00221	3/18/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed - iNotification 000002296
884	STRUC-1	STRUC-1 ER001 (REV0) (110225) COMBO	25483-000-ER-0000-00010	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 7 OF 7	Conduit & Tray Notes, Symbols & Details	Electrical		2/25/11	KC	GAKG-00221	3/18/11	3/14/11			CBO Comment on STRUC-1 ER001 (REV0) (110314) COMBO Only - zipped with doc in IW & distributed - iNotification 000002296
885	STRUC-1	STRUC-1 CP1101 (REV3) (110129)	25483-000-G27-GEC-00001	0	COVERING NOTE TO DRAWING 25483-000-CP-1100-00001, FOR HRSG AND STACK PILE LOCATION PLAN	Reference Document	Civil		01/29/11	RK	GAKG-00174	1/31/11	1/31/11		1/31/11	Approved Reference document to 25483-000-CP-1100-00001
886	STRUC-1	STRUC-1 CP1101 (REV2) (110128)	25483-000-G27-GEC-00001	0	COVERING NOTE TO DRAWING 25483-000-CP-1100-00001, FOR HRSG AND STACK PILE LOCATION PLAN	Reference Document	Civil		01/28/11	RK	GAKG-00169	1/28/11	1/28/11 Superseded by REV3	1/29/11		Reference document to 25483-000-CP-1100-00001
887	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	RK	GAKG-00136	2/1/11	1/27/11			CBP Comments zipped with doc in IW and distributed
888	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	RK	GAKG-00136	2/1/11	1/27/11			CBP Comments zipped with doc in IW and distributed
889	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	RK	GAKG-00136	2/1/11	1/27/11			CBP Comments zipped with doc in IW and distributed
890	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	RK	GAKG-00136	2/1/11	1/27/11			CBP Comments zipped with doc in IW and distributed
891	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	RK	GAKG-00136	2/1/11	1/27/11			CBP Comments zipped with doc in IW and distributed
892	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	RK	GAKG-00136	2/1/11	1/27/11			CBP Comments zipped with doc in IW and distributed
893	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	RK	GAKG-00136	2/1/11	1/27/11			CBP Comments zipped with doc in IW and distributed
894	STRUC-1		25483-000-SS-1410-00001		GENERATOR CIRCUIT BREAKER SUPPORT STRUCTURE		Structural	Q2, 2011								
895	STRUC-1		25483-000-SS-7210-00001		COOLING TOWER AREA CHEMICAL SUN SHADE		Structural	Q2, 2011								
896	STRUC-1		25483-000-SS-9200-00001		PIPE RACK		Structural	Q2, 2011								
897	STRUC-1		25483-000-SS-9210-00001		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1		Structural	Q2, 2011								

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
898	STRUC-1		25483-000-SS-9210-00002		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2		Structural	Q2, 2011								
899	STRUC-1		25483-000-SS-9210-00003		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1		Structural	Q2, 2011								
900	STRUC-1		25483-000-SS-9210-00004		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2		Structural	Q2, 2011								
901	STRUC-1		25483-000-SS-9210-00005		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1		Structural	Q2, 2011								
902	STRUC-1		25483-000-SS-9210-00006		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2		Structural	Q2, 2011								
903	STRUC-1		25483-000-SS-9210-00007		PIPE RACK STEEL PLAN AT EL. XX'		Structural	Q2, 2011								
904	STRUC-1		25483-000-SS-9211-00001		PIPE RACK STAIR TOWER		Structural	Q2, 2011								
905	STRUC-1		25483-000-SS-9211-00002		MISCELLANEOUS PIPE RACK STAIRS AND PLATFORMS		Structural	Q2, 2011								
906	STRUC-1		25483-000-SS-9290-00001		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 1		Structural	Q2, 2011								
907	STRUC-1		25483-000-SS-9290-00002		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 2		Structural	Q2, 2011								
908	STRUC-1		25483-000-SS-9290-00003		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 3		Structural	Q2, 2011								
909	STRUC-1		25483-000-SS-9290-00004		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 4		Structural	Q2, 2011								
910	STRUC-1		25483-001-SS-1110-00001		PLATFORM AT UNIT 1 BOILER BLOWDOWN TANK		Structural	Q2, 2011								
911	STRUC-1		25483-001-SS-1210-00002		UNIT 1 BOILER FEED PUMP AREA CHEMICAL SUN SHADE & PLATFORM STEEL		Structural	Q2, 2011								
912	STRUC-1		25483-002-SS-1110-00001		PLATFORM AT UNIT 2 BOILER BLOWDOWN TANK		Structural	Q2, 2011								
913	STRUC-1		25483-002-SS-1210-00002		UNIT 2 BOILER FEED PUMP AREA CHEMICAL SUN SHADE & PLATFORM STEEL		Structural	Q2, 2011								
914	STRUC-1		25483-000-SSC-1410-00002		CIRCUIT BREAKER SUPPORT STRUCTURE		Structural	Q2, 2011								
915	STRUC-1		25483-000-SSC-7210-00001		CHEMICAL SUN SHADE STRUCTURE @ COOLING TOWER CALCULATION		Structural	Q2, 2011								
916	STRUC-1		25483-000-SSC-9210-00001		PIPERACK CALCULATIONS		Structural	Q2, 2011								
917	STRUC-1		25483-000-SSC-9211-00001		STAIR TOWER AT THE WEST END OF THE PIPE RACK		Structural	Q2, 2011								
918	STRUC-1		25483-000-SSC-XXX		ELECTRICAL ABOVE GROUND RACEWAY SUPPORT CALCULATIONS		Structural	Q2, 2011								
919	STRUC-1				ERECTION DRAWING FOR COOLING TOWER BUILDING		Structural	Q2, 2011								
920	STRUC-1				ERECTION DRAWING FOR COOLING TOWER BUILDING		Structural	Q2, 2011								
921	STRUC-1				DESIGN CERTIFICATION ENGINEERING CALCULATION FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
922	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
923	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
924	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
925	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
926	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
927	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
928	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
929	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
930	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
931	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
932	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
933	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
934	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
935	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
936	STRUC-1				ERECTION DRAWINGS FOR SWITCHGEAR BUILDING		Structural	Q2, 2011								
937	STRUC-1		25483-003-SS-2110-00001		GLAND STEAM STEEL SUPPORT PLATFORM		Structural	Q2, 2011								
938	STRUC-1		25483-003-SS-2120-00001		STEAM JET AIR EJECTOR PLATFORM SHEET 1		Structural	Q2, 2011								
939	STRUC-1		25483-003-SS-2120-00002		STEAM JET AIR EJECTOR PLATFORM SHEET 2		Structural	Q2, 2011								
940	STRUC-1		25483-003-SS-2190-00001		STEAM JET AIR EJECTOR PLATFORM ELEVATIONS AND DETAILS		Structural	Q2, 2011								
941	STRUC-1		25483-003-SS-2410-00001		STEAM TURBINE PEDESTAL PLATFORMS		Structural	Q2, 2011								
942	STRUC-1		25483-003-SS-2410-00002		STEAM TURBINE PEDESTAL PLATFORMS		Structural	Q2, 2011								
943	STRUC-1		25483-003-SS-2490-00001		STEAM TURBINE PEDESTAL PLATFORMS SECTIONS & DETAILS, SHEET 1		Structural	Q2, 2011								
944	STRUC-1		25483-003-SS-2490-00002		STEAM TURBINE PEDESTAL PLATFORMS SECTIONS & DETAILS, SHEET 2		Structural	Q2, 2011								

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

25483-000-G02-GGG-00012-000  
GEN2-0004 (REV 11)

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
945	STRUC-1		25483-003-SSC-2110-00001		GLAND STEAM SKID STEEL PLATFORM CALCULATION		Structural	Q2, 2011								
946	STRUC-1		25483-003-SSC-2110-00002		STEAM JET AIR EJECTOR PLATFORMS CALCULATION		Structural	Q2, 2011								
947	STRUC-1		25483-003-SSC-2410-00001		STEAM TURBINE PEDESTAL PLATFORMS		Structural	Q2, 2011								
948	STRUC-1	STRUC-1 WIND (REV0) (110428)	N/A	N/A	Civil Structural Standards - Wind Exposure (Structural Calculations Performed for Wind Exposure by T. Hemenway, dated 4/26/11	Standards/Calculation	Structural		4/28/2011	N/A	GAKG-329	5/3/2011 Expedite				

**CONDITION OF CERTIFICATION  
GEN-3**

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**

**From:** [Todd R. Bailey](#)  
**To:** [Allison Bryan](#)  
**Subject:** RE: Russell City Energy Center  
**Date:** Monday, June 06, 2011 5:52:38 PM

---

We did receive a payment, thank you

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

---

**From:** Allison Bryan [mailto:[allison.bryan@calpine.com](mailto:allison.bryan@calpine.com)]  
**Sent:** Monday, June 06, 2011 5:07 PM  
**To:** [tbailey@trbplus.com](mailto:tbailey@trbplus.com)  
**Subject:** Russell City Energy Center

Todd,

Would you please confirm that TRB received payment for DCBO services during the month of May 2011? Thanks.

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

**CONDITION OF CERTIFICATION  
MECH-1**

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**

 Russell City Energy Center Project CBO Plan Submittal Package (01-AFC-7C)	Responsible Engineer: <a href="#">Eswara Gollapudi</a>
	C.O.C. No: <a href="#">MECH-1</a>
Certificate of Compliance for Month of: <a href="#">April 2011</a>	

**DOCUMENT TRANSMITTAL**

I hereby attest that the designs represented by the below referenced documents have been completed in accordance with local ordinances, regulations, and standards, and the requirements of the California Energy Commission (CEC) Final Commission Decision, with respect to the area of facility design.



Eswara C  
 Gollapudi  
 I am  
 approving  
 this  
 document

Responsible Engineering Seal, Signature and Date

**April 2011**

<b>CBO Reference Number</b>	<b>Document Number</b>	<b>Rev</b>	<b>Document Title</b>	<b>Actual to CBO</b>
MECH-1 P601 (REV0) (110420)	25483-000-P0-0000-00001	1	Embedded and Underground Piping General Notes and Standard Details	04/20/11
MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00005	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to FG Supply Unit	04/20/11
MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00006	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to Gas Supply Unit	04/20/11
MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00007	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to Gas Supply Unit	04/20/11
MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00008	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to Gas Supply Unit	04/20/11
MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00009	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to FG Supply Unit	04/20/11
MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00010	0	Underground Piping Isometric Natural Gas System From Fuel Gas Comp to FG Supply Unit	04/20/11
MECH-1 P601 (REV0) (110420)	25483-000-P34-FG-00011	0	Underground Piping Isometric Natural Gas System From Gas Comp. To FG Supply Unit	04/20/11
MECH-1 P601 (REV0) (110420)	25483-000-P6C-FG-00001	0	FG SYSTEM - UNDERGROUND PIPING CALCULATION	04/20/11



Russell City Energy Center Project  
CBO Plan Submittal Package (01-AFC-7C)

Responsible Engineer: [Babanna Biradar](#)

C.O.C. No: [MECH-1](#)

Certificate of Compliance for Month of: [March 2011- April 2011](#)

## DOCUMENT TRANSMITTAL

I hereby attest that the designs represented by the below referenced documents have been completed in accordance with local ordinances, regulations, and standards, and the requirements of the California Energy Commission (CEC) Final Commission Decision, with respect to the area of facility design.



Digitally signed by  
Babanna Biradar, P.E.  
DN: cn=Babanna  
Biradar, P.E., o=Bechtel,  
ou=Senior Engineer,  
email=bbiradar@bechtel.  
com, c=IN  
Reason: I agree to the  
terms defined by the  
placement of my  
signature on this  
document  
Date: 2011.05.25  
21:32:53 +05'30'

Responsible Engineering Seal, Signature and Date

March 2011					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
MECH-1 0006 (REV2) (110315)	25483-000-30R-M82G-00001	1	FIRE PROTECTION HAZARDS EVALUATION PLAN	03/15/11	
<b>MECH-1 0003 (REV4) (110325)</b>	<b>25483-000-M6-PF-00001</b>	<b>1</b>	<b>P&amp;ID FIRE PROTECTION SYSTEM</b>	<b>03/25/11</b>	
MECH-1 0003 (REV3) (110318)	25483-000-M6-PF-00001	1	P&ID FIRE PROTECTION SYSTEM	03/18/11	
<b>MECH-1 0003 (REV4) (110325)</b>	<b>25483-000-M6-PF-00002</b>	<b>1</b>	<b>P&amp;ID FIRE PROTECTION SYSTEM</b>	<b>03/25/11</b>	
MECH-1 0003 (REV3) (110318)	25483-000-M6-PF-00002	1	P&ID FIRE PROTECTION SYSTEM	03/18/11	
<b>MECH-1 0003 (REV4) (110325)</b>	<b>25483-000-M6-PF-00003</b>	<b>1</b>	<b>P&amp;ID FIRE PROTECTION SYSTEM</b>	<b>03/25/11</b>	

March 2011 (cont'd)				
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO
MECH-1 0003 (REV3) (110318)	25483-000-M6-PF-00003	1	P&ID FIRE PROTECTION SYSTEM	03/18/11
MECH-1 P401 (REV0) (110324)	25483-000-P4-0000-00001	0	UNDER GROUND COMPOSITE –FIRE PROTECTION SYSTEM	03/24/11

**April 2011**

<b>CBO Reference Number</b>	<b>Document Number</b>	<b>Rev</b>	<b>Document Title</b>	<b>Actual to CBO</b>
MECH-1 0006 (REV3) (110425)	25483-000-30R-M82G-00001	2	FIRE PROTECTION HAZARDS EVALUATION PLAN	04/25/11

**CONDITION OF CERTIFICATION  
ELEC-1**

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**

 Russell City Energy Center Project CBO Plan Submittal Package (01-AFC-7C)	Responsible Engineer: <a href="#">Qin Pan</a>
	C.O.C No.: <a href="#">ELEC-1</a>
<b>Certificate of Compliance for Month of: <a href="#">February 2011</a></b>	

### DOCUMENT TRANSMITTAL

**I hereby attest that the designs represented by the below referenced documents have been completed in accordance with local ordinances, regulations, and standards, and the requirements of the California Energy Commission (CEC) Final Commission Decision, with respect to the area of facility design.**



Digitally signed by Pan,  
 Qin  
 DN: cn=Pan, Qin,  
 email=qpan1@bechtel.co  
 m  
 Date: 2011.05.24 16:18:43  
 -04'00'

Responsible Engineering Seal, Signature and Date

February 2011					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00003	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 1 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00004	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 2 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00005	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 3 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00006	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 4 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00007	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 5 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00008	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 6 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00010	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 7 OF 7	2/28/11	

 Russell City Energy Center Project CBO Plan Submittal Package (01-AFC-7C)	Responsible Engineer: <a href="#">Koushik Chanda</a>
	C.O.C No.: <a href="#">ELEC-1</a>
Certificate of Compliance for Month of: <a href="#">August 2010 - April 2011</a>	

### DOCUMENT TRANSMITTAL

**I hereby attest that the designs represented by the below referenced documents have been completed in accordance with local ordinances, regulations, and standards, and the requirements of the California Energy Commission (CEC) Final Commission Decision, with respect to the area of facility design.**



Digitally signed by Koushik Chanda  
 DN: cn=Koushik Chanda,  
 o=Bechtel Power Corporation, ou=Electrical,  
 email=kchanda@bechtel.com, c=US  
 Date: 2011.05.31 13:35:38 -04'00'

Responsible Engineering Seal, Signature and Date

August 2010				
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO
ELEC-1 0001 (REV0) (100830)	25483-000-E1-0000-00001	0	MAIN ONE LINE DIAGRAM	08/30/10

September 2010					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
ELEC-1 0002 (REV 0) (100921)	25483-000-EG-0000-00001	0	GROUNDING NOTES, SYMBOLS AND DETAILS, SHEET 1 of 3	9/21/10	
ELEC-1 0002 (REV 0) (100921)	25483-000-EG-0000-00002	0	GROUNDING NOTES, SYMBOLS AND DETAILS, SHEET 2 of 3	9/21/10	
ELEC-1 0002 (REV 0) (100921)	25483-000-EG-0000-00003	0	GROUNDING NOTES, SYMBOLS AND DETAILS, SHEET 3 of 3	9/21/10	
ELEC-1 0003 (REV0) (100921)	25483-000-ER-0000-00001	0	UNDERGROUND RACEWAY NOTES, SYMBOLS AND DETAILS, SHEET 1 OF 2	9/21/10	
ELEC-1 0003 (REV0) (100921)	25483-000-ER-0000-00002	0	UNDERGROUND RACEWAY NOTES, SYMBOLS AND DETAILS, SHEET 2 OF 2	9/21/10	

October 2010				
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO
ELEC-1 0001 (REV1) (101018)	25483-000-E1-0000-00001	1	MAIN ONE LINE DIAGRAM	10/18/10

November 2010					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
ELEC-1 0006 (REV0) (101119)	25483-000-E1-UA00-00001	4	CONSTRUCTION TEMPORARY POWER LAYOUT & SINGLE LINE	11/19/10	
ELEC-1 0005 (REV0) (101102)	25483-000-EG-0100-00001	0	SITE MAIN GROUNDING GRID	11/2/10	
ELEC-1 0004 (REV0) (101102)	25483-000-EGC-EG-00001	0	GROUND GRID CALCULATION	11/2/10	
ELEC-1 0006 (REV0) (101119)	25483-000-ELK-0000-00001	B	CONSTRUCTION FACILITIES TEMPORARY LIGHTING PLAN	11/19/10	

December 2010					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
ELEC-1 0007 (REV0) (101203)	25483-000-E0C-EW-00001	0	5kV AND 600V ABOVE GROUND CABLE SIZING CALCULATION	12/03/10	
ELEC-1 0007 (REV0) (101203)	25483-000-E0C-EW-00002	0	SIZING OF CABLES IN UNDERGROUND DUCTBANKS	12/03/10	
ELEC-1 0001 (REV2) (101215)	25483-000-E1-0000-00001	2	MAIN ONE LINE DIAGRAM	12/15/10	
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	12/22/10	
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	12/22/10	
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	12/22/10	

December 2010 (cont'd)					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
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	12/22/10	
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	12/22/10	
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	12/22/10	
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	12/22/10	
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	12/22/10	

December 2010 (cont'd)					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
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	12/22/10	
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	12/22/10	
ELEC-1 0006 (REV1) (101119)	25483-000-E1-UJA00-00001	5	CONSTRUCTION TEMPORARY POWER LAYOUT & SINGLE LINE	12/15/10	
ELEC-1 0006 (REV1) (101119)	25483-000-ELK-0000-00001	B	CONSTRUCTION FACILITIES TEMPORARY LIGHTING PLAN	12/15/10	

January 2011				
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO
ELEC-1 0010 (REV0) (110120)	25483-001-E1-EY-00001	0	SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT	1/20/11
ELEC-1 0010 (REV0) (110120)	25483-002-E1-EY-00001	0	SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT	1/20/11
ELEC-1 0011 (REV0) (110128)	25483-002-EG-1101-00001	0	GROUNDING PLAN- UNIT 2 HRSG AREA	01/28/11

February 2011					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
ELEC-1 0012 (REV0) (110223)	25483-003-E1-EY-00001	0	Single Line Meter and Relay Diagram STG Generator and GSU Transformer	2/23/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00003	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 1 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00004	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 2 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00005	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 3 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00006	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 4 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00007	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 5 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00008	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 6 OF 7	2/28/11	
ELEC-1 ER001 (REV1) (110228) COMBO	25483-000-ER-0000-00010	0	CONDUIT AND TRAY NOTES, SYMBOLS AND DETAILS SHEET 7 OF 7	2/28/11	

March 2011					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
ELEC-1 0014 (REV0) (110323)	25483-000-EQ-0000-00001	1	SACRIFICIAL ANODE CATHODIC PROTECTION NOTES AND DETAILS	3/23/11	
ELEC-1 0014 (REV0) (110323)	25483-000-EQC-EQ-00001	0	CATHODIC PROTECTION CALCULATION	3/23/11	
ELEC-1 0010 (REV1) (110328)	25483-001-E1-EY-00001	1	SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT	3/28/11	
ELEC-1 0010 (REV1) (110328)	25483-002-E1-EY-00001	1	SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT	3/28/11	
ELEC-1 0012 (REV1) (110328)	25483-003-E1-EY-00001	1	Single Line Meter and Relay Diagram STG Generator and GSU Transformer	3/28/11	
ELEC-1 0014 (REV0) (110323)	25483-000-EQ-6101-00001	0	CATHODIC PROTECTION PLAN UNDERGROUND CARBON STEEL PIPE FUEL GAS COMPRESSOR AREA	3/23/11	
ELEC-1 0014 (REV0) (110323)	25483-000-EQ-8101-00001	0	CATHODIC PROTECTION PLAN UNDERGROUND CARBON STEEL PIPE SOUTH EAST OF ADMIN AREA	3/23/11	
ELEC-1 0014 (REV0) (110323)	25483-001-EQ-1401-00001	0	CATHODIC PROTECTION PLAN UNDERGROUND CARBON STEEL PIPE UNIT 1 CTG AND HRSG AREA	3/23/11	

April 2011					
CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO	
ELEC-1 0015 (REV0) (110408)	25483-001-EG-3301-00001	0	GROUNDING PLAN- UNIT 1 MAIN TRANSFORMER AREA	04/08/11	
ELEC-1 0016 (REV0) (110419)	25483-002-EG-1401-00001	0	GROUNDING PLAN - UNIT 2 COMBUSTION TURBINE	04/19/11	
ELEC-1 0015 (REV0) (110408)	25483-002-EG-3301-00001	0	GROUNDING PLAN UNIT-2 CTG TRANSFORMER AREA	04/08/11	
ELEC-1 0015 (REV0) (110408)	25483-003-EG-3301-00001	0	GROUNDING PLAN UNIT-3 STG TRANSFORMER AREA	04/08/11	

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

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**



RCEC PROJECT

ATACHMETN A \_ FUGITIVE DUST LOG

Condition of Certification AQ-SC3 & AQ-SC4

MONTH: <u>May</u>		YEAR: <u>2011</u>			Material Stock Pile Treatment		Roadways — Water Wagon/Street Sweeper in use		Contractor: Bechtel <u>STREET SWEEPER</u>	
Date	Time	Daily Low Ambient Temp °F	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Water Treatment Active Storage (Y/N)	Water Treatment Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	Operator Initials	Comments, Equipment, Problems & Work Orders:
1		47°	0	6	—	—	SS		RJ	Departed / Enterprise Rd
2		50°	0	7	—	—	SS		RJ	
3		51°	0	7	—	—	SS		RJ	
4		53°	0	7	—	—	SS		RJ	
5		56°	0	7	—	—	SS		RJ	
6		52°	0	12	—	—	SS		RJ	
7		50°	0	13	—	—	SS		RJ	
8		50°	0	12	—	—	SS		RJ	
9		49°	0	11	—	—	SS		RJ	
10		48°	0	10	—	—	SS		RJ	
11		52°	0	10	—	—	SS		RJ	
12		52°	0	9	—	—	SS		RJ	
13		50°	0	11	—	—	SS		RJ	

SS

Date	Time	Daily Low Ambient Temp °F	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Water Treatment Active Storage (Y/N)	Water Treatment Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	Operator Initials	Comments, Equipment, Problems & Work Orders:
14	7AM	47°	.26	10			SS		RJ	
15		47°	.03	11					RJ	
16		50°	.26	10					RJ	
17		52°	0.16	12					RJ	
18		52°	0.01	10					RJ	
19		50°	0	7						
20		54°	0	00						
21		54°	0	11					RJ	
22		53°	0	15					RJ	
23		52°	0	13					RJ	
24		51°	0	8					RJ	
25		52°	0.04	8					RJ	
26		53°	0	11						
27		55°	0	11						
28		51°	0.09	10						
29		48°	0	11					RJ	
30		53°	0	11					RJ	
31		54°	0.18	9					RJ	

1. WW - Water Wagon, SS Street Sweeper

WET STREET SWEEPER

Source of Weather Data : Rain 0.91 WIND: 10 MPH TEMPERATURE - 59° SUPERVISOR REVIEW: [Signature] Return sheet to CEL



RCEC PROJECT

ATACHMETN A \_ FUGITIVE DUST LOG

Condition of Certification AQ-SC3 & AQ-SC4

MONTH: May	YEAR:			2011			Material Stock Pile Treatment			Roadways — Water Wagon/Street Sweeper In use			Contractor: Bechtel	
	Date	Time	Daily Low Ambient Temp °F	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Water Treatment Active Storage (Y/N)	Water Treatment Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	Operator Initials	Comments, Equipment, Problems & Work Orders:			
1	7 AM	47°	0	6	ALL PILE							#11 (FOR)		
2		50°	0	7		LOWEDED IN PILE				TB				
3		51°	0	7						TB				
4		53°	0	6						TB				
5		56°	0	5						N/A	USED TO DRAIN HOLE.			
6		52°	0	12						TB				
7		53°	0	13										
8		52°	0	14										
9		49°	0	7						TB				
10		48°	0	8				WW		BD				
11		52°	0	10	Y			WW		BD	SPRAY STOCK PILES			
12		52°	0	9	Y			WW		BD				
13		51°	0	11	Y			WW		BD				

#1

Date	Time	Daily Low Ambient Temp °F	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Water Treatment Active Storage (Y/N)	Water Treatment Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	Operator Initials	Comments, Equipment, Problems & Work Orders:
14		47°	0.26"	10						
15		47°	0.03"	11						
16		50°	0.20	10	Y			WW	BD	SPRAY Stock Piles
17		52°	0.10	12	Y				BD	fill tire wash
18		52°	0.01	10	Y				BD	fill tire wash
19		50°	0	7	Y			WW	BD	Stock Piles & tire wash
20		54°	0	8	Y			WW	BD	Stock Piles
21		54°	0	11						
22		53°	0	15	Y					
23		52°	0	13	Y			WW	BD	Stock Piles
24		51°	0	9	Y			WW	BD	l l l
25		52°	0.04"	8	Y			WW	BD	l l l l
26		53°	0	11	Y			WW	BD	l l l l
27		55°	0	11	Y			WW	BD	l l
28		51°	0.09"	10						
29		48°	0	11						
30		53°	0	11						
31		54°	0.18"	9	Y			WW	BD	Stock Piles

1. WW - Water Wagon, SS Street Sweeper  
 BECHTEL WATER TANKER TRUCK (FORD)

Source of Weather Data: Rain 0.91" WIND 10 MPH TEMPERATURE: 59° SUPERVISOR REVIEW: *[Signature]* Return sheet to CEL

#1

MAY-11

Scott P M=COLE  
03-100086  
#2 F/L  
WATER TRUCK



RCEC PROJECT  
ATACHMETN A\_ FUGITIVE DUST LOG  
Condition of Certification AQ-SC3 & AQ-SC4

MONTH: May	Date	Time	YEAR:			2011			Material Stock Pile Treatment		Roadways — Water Wagon/Street Sweeper in use		Contractor: Bechtel WATER TRUCK	Comments, Equipment, Problems & Work Orders:
			Daily Low Ambient Temp °F	24 hr rainfall (inches)	Max 1 hr Wind Speed (mph)	Water Treatment Active Storage (Y/N)	Water Treatment Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	Operator Initials				
	1		47°	0	47					WW			* SCOT-	
	2		50°		47					WW				
	3		51°		47									
	4		53°		55	x				WW			SPMK	
	5		56°		55	y				WW			SPMK	
	6		52°		52	y				WW			SPMK	
	7		52°		52					SAT				
	8		52°		52					<del>SAN</del>				
	9		49°		57					WW			SPMK	
	10		40°		50					WW			SPMK	
	11		52°		50	y				WW			SPMK	
	12		52°		50	y				WW			SPMK	
	13		49°	→	51	y				WW			SPMK	

7

Date	Time	Daily Low Ambient Temp °F	24 hr rainfall (Inches)	Max 1 hr Wind Speed (mph)	Water Treatment Active Storage (Y/N)	Water Treatment Inactive Storage (Y/N)	Paved Roads (WW/SS)	Unpaved Roads (WW/SS)	Operator Initials	Comments, Equipment, Problems & Work Orders:
SAT 14		47°	.26	10						
SUN 15		47°	.03	11	<del>X</del>		<del>WW</del>			
M 16		50°	.26	10	X		WW		SPMS	
TU 17		52°	.10	12					SPMS	
WED 18		52°	.01	10						
TH 19		50°	0	7						
FRI 20		54°	0	0				WW	SPMS	
SAT 21		54°	0	11				W4	SPMS	
SUN 22		53°	0	13	X			WW	SPMS	
MON 23		52°	0	13	X			WW	SPMS	
TUE 24		51°	0	9	X			WW	SPMS	
WED 25		52°	.04	8	X			WW	SPMS	
THU 26		53°	0	11	X			WW	SPMS	
FRI 27		55°	0	11	X			WW	SPMS	
SAT 28		51°	.09	10				HOLIDAY		
SUN 29		49°	0	11						
M 30		53°	0	11						
TUE 31		54°	.18	9	X			WW	SPMS	

1. WW - Water Wagon, SS Street Sweeper  
 BECHTEL WATER WAGON #12  
 Source of Weather Data : Rain - 91 WIND - 10 mph TEMPERATURE - 59°  
 SUPERVISOR REVIEW  Return sheet to CEL



RCEC PROJECT

FUGITIVE DUST TIRE INSPECTION LOG  
Condition of Certification AQ-SC3 (d.)

MONTH: 2011

Date	Time	AM / PM	Construction Equipment Vehical	Tires Check	Action Needed	Security Guard Initials
S-2	2:07	AM / PM	Reeves	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	9:12	AM / PM	Central concrete	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	9:20	AM / PM	Central concrete	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	9:21	AM / PM	Remondis Trucking	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	10:29	AM / PM	b.s transport	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	11:21	AM / PM	Central concrete	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	1:43	AM / PM	Reeves	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	2:49	AM / PM	VPS	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	2:53	AM / PM	ATS	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	2:13	AM / PM	ATS	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	4:03	AM / PM	daily	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	4:27	AM / PM	daily	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	4:29	AM / PM	daily	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	4:05	AM / PM	daily	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	4:05	AM / PM	daily	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	4:05	AM / PM	daily	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-2	:	AM / PM	Central concrete	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-3	10:23	AM / PM	Whitecap 623	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-3	10:25	AM / PM	AL 35453 439+	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-3	4:45	AM / PM	GA	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NA	CA
S-4	5:11	AM / PM	Horton	Yes <input type="checkbox"/> NO <input type="checkbox"/>	NA	CA
	:	AM / PM		Yes <input type="checkbox"/> NO <input type="checkbox"/>		
	:	AM / PM		Yes <input type="checkbox"/> NO <input type="checkbox"/>		
	:	AM / PM		Yes <input type="checkbox"/> NO <input type="checkbox"/>		
	:	AM / PM		Yes <input type="checkbox"/> NO <input type="checkbox"/>		
	:	AM / PM		Yes <input type="checkbox"/> NO <input type="checkbox"/>		

Comments:

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FUGITIVE DUST TIRE INSPECTION LOG  
Condition of Certification AQ-SC3 (d)

RCEC PROJECT

MONTH: 2011

Date	Time	AM / PM	Construction Equipment	Tires Check	Action Needed	Security Guard Initials
5-5	8:40	AM / PM	LMS	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	8:41	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	9:10	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	9:12	AM / PM	Hatch	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	9:20	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	10:40	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	11:11	AM / PM	Channel	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	11:28	AM / PM	White cap	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	11:50	AM / PM	LMS	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	11:52	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	12:56	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	1:24	AM / PM	Chas	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	1:25	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	2:00	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	2:56	AM / PM	Herrandez tracing	Yes <input checked="" type="checkbox"/>	NA	NA
5-5	9:31	AM / PM	Herrandez	Yes <input checked="" type="checkbox"/>	NA	NA
5-8	10:00	AM / PM	White cap	Yes <input checked="" type="checkbox"/>	NA	NA
5-6	11:30	AM / PM	Dark Harbor	Yes <input checked="" type="checkbox"/>	NA	NA
5-2	11:37	AM / PM	White cap	Yes <input checked="" type="checkbox"/>	NA	NA
5-2	12:38	AM / PM	Herrandez	Yes <input checked="" type="checkbox"/>	NA	NA
5-2	3:00	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-2	3:00	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA
5-2	3:00	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	NA	NA

Comments:

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3 counter weights  
Flying thru drums

RCEC PROJECT

FUGITIVE DUST TIRE INSPECTION LOG

Condition of Certification AQ-SC3 (d)

MONTH: \_\_\_\_\_

Date	Time	AM/PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
5-9	01:50	AM/PM	griffin	Yes <input checked="" type="checkbox"/>	OK	CA
5-9	10:08	AM/PM	griffin	Yes <input checked="" type="checkbox"/>	CA 10:23 CA 10:42	CA
5-9	11:58	AM/PM	Plus	Yes <input checked="" type="checkbox"/>	NO	NO
5-9	14:00	AM/PM	AM M/W member	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	14:00	AM/PM	griffin	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	09:00	AM/PM	Cont	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	10:05	AM/PM	380 trucking	Yes <input checked="" type="checkbox"/>	Minimal dirt	CA
5-9	10:05	AM/PM	griffin	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	10:05	AM/PM	sticer	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	1:05	AM/PM	De Paoli	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	2:20	AM/PM	Auton crane	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	2:25	AM/PM	Auton semi	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	2:37	AM/PM	Auton semi	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	2:12	AM/PM	griffin	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	10:05	AM/PM	380	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	10:37	AM/PM	380	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	11:15	AM/PM	Cont	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	11:20	AM/PM	CM 5	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	11:20	AM/PM	380	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	12:30	AM/PM	United Rentals	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	12:37	AM/PM	Cont	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	06:35	AM/PM	griffin	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	06:37	AM/PM	380	Yes <input checked="" type="checkbox"/>	NO	CA
5-9	06:38	AM/PM	380	Yes <input checked="" type="checkbox"/>	NO	CA

Comments: \_\_\_\_\_

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RCEC PROJECT  
 FUGITIVE DUST TIRE INSPECTION LOG  
 Condition of Certification AQ-SC3 (d)

MONTH:

Date	Time	AM / PM	Construction Equipment	Tires Check	Action Needed	Security Guard Initials
5-18	11:30	AM/PM	KY EXPRESS	Yes <input checked="" type="checkbox"/>	INITIALS DIRT	W
"	11:30	AM/PM	DHE	Yes <input checked="" type="checkbox"/>	CLEAN	W
"	11:30	AM/PM	Other	Yes <input checked="" type="checkbox"/>	"	W
"	11:30	AM/PM	W. LUMES	Yes <input checked="" type="checkbox"/>	Wash cleaning	W
5-16	1:30	AM/PM	Cont'l Limber	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	7:42	AM/PM	Cont'-No. 1015	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	8:00	AM/PM	GE Expro	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	8:20	AM/PM	Allaska	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	8:31	AM/PM	All Bay Lumber	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	9:20	AM/PM	Cont'l M. Lumber	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	9:23	AM/PM	White Corp	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	9:50	AM/PM	Cont'l M. Lumber	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	11:00	AM/PM	"	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	11:45	AM/PM	"	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	12:52	AM/PM	"	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	13:43	AM/PM	CO	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	14:27	AM/PM	"	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	14:28	AM/PM	"	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	14:49	AM/PM	CHS	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	15:01	AM/PM	Cont'l	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-16	15:23	AM/PM	"	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	8:15	AM/PM	United Rentals	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	8:16	AM/PM	Champion Lumber	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	8:40	AM/PM	P105 T	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	:	AM/PM	United Rentals	Yes <input checked="" type="checkbox"/>	Clean	A.S.

Comments:

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RCEC PROJECT  
 FUGITIVE DUST TIRE INSPECTION LOG  
 Condition of Certification AQ-SC3 (d)

MONTH: 2011

Date	Time	AM / PM	Construction Equipment Vehical	Tires Check	Action Needed	Security Guard Initials
5-17	9:26	AM/PM	P105 Trucking	Yes <input checked="" type="checkbox"/>	with diff of OK	A.S.
5-17	10:10	AM/PM	Fed Ex	Yes <input checked="" type="checkbox"/>	OK Clean	A.S.
5-17	10:11	AM/PM	Hornbeck trucks	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	10:56	AM/PM	Conco	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	10:58	AM/PM	CONCI	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	11:38	AM/PM	CONCI	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	1:17	AM/PM	PTO2 T	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	1:26	AM/PM	Perve Trucking	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	2:38	AM/PM	Central Concrete	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	2:40	AM/PM	KCS	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	2:41	AM/PM	KCS	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	2:42	AM/PM	KCS	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	2:46	AM/PM	Bove T.C	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-17	2:58	AM/PM	Hornbeck T	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-18	6:45	AM/PM	Hornbeck T	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-18	9:46	AM/PM	Hornbeck T	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-18	11:34	AM/PM	S-W Trucking	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-18	12:12	AM/PM	Conti	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-18	12:13	AM/PM	Conti A.S	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-18	13:20	AM/PM	SW T	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-18	13:52	AM/PM	Hornbeck & Trucks	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-19	8:21	AM/PM	Do Silva - Extes	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-19	9:20	AM/PM	MT Trucks	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-19	9:21	AM/PM	Conti	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-19	9:24	AM/PM	Conti	Yes <input checked="" type="checkbox"/>	Clean	A.S.
5-19	10:16	AM/PM	UPS	Yes <input checked="" type="checkbox"/>	Clean	A.S.

Comments:

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FUGITIVE DUST TIRE INSPECTION LOG  
 RCEC PROJECT  
 Condition of Certification AQ-SC3 (d)

MONTH: 2011

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
5-19	11:30	AM / PM	CONTI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-19	11:46	AM / PM	CONTI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-19	12:55	AM / PM	Local Contractor?	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-19	13:23	AM / PM	CONTI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-19	2:45	AM / PM	CAVITI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-19	2:47	AM / PM	CONTI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-19	3:08	AM / PM	CAVITI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-19	5:03	AM / PM	New Humble	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-20	7:27	AM / PM	Winkers T	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-20	7:30	AM / PM	Revere T Corp	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-20	9:04	AM / PM	Yellow Corp	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-20	9:32	AM / PM	West M	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-23	9:50	AM / PM	Pios SBR	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-23	11:23	AM / PM	Hart Henry Hwy	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-23	11:50	AM / PM	Hernandez T	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-23	12:04	AM / PM	Filly Front	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	9:54	AM / PM	Rosby Trucks	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	9:15	AM / PM	HART III	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	10:14	AM / PM	White Corp	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	1:33	AM / PM	Central Corp	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	2:00	AM / PM	White Corp	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	2:24	AM / PM	Revere T. C.	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	2:34	AM / PM	Central Concrete	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	2:49	AM / PM	Central Concrete	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-24	2:38	AM / PM	Bechtel	Yes <input checked="" type="checkbox"/>	Clean	A.S

Comments:

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FUGITIVE DUST TIRE INSPECTION LOG  
 Condition of Certification AQ-SC3 (d.)

RGEC PROJECT

MONTH:

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
5-25	8:51	AM / PM	Reliable, T	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-26	7:21	AM / PM	CONTI T.C	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-26	7:56	AM / PM	PIDS Tracking	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-26	8:52	AM / PM	Beam for Rent	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-26	9:14	AM / PM	CONTI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-26	10:16	AM / PM	CONTI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-26	12:49	AM / PM	CONTI-2D4228	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-26	2:04	AM / PM	CONTI	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-27	4:16	AM / PM	Conti Concrete	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-31	7:50	AM / PM	PORTER	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-31	8:52	AM / PM	''	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-31	9:10	AM / PM	''	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-31	10:05	AM / PM	NEW HAULING	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-31	13:12	AM / PM	BRITAIN-SALE	Yes <input checked="" type="checkbox"/>	Clean	A.S
5-31	13:54	AM / PM	''	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1-11	87:36	AM / PM	PORTER-S&L	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1-11	9:04	AM / PM	''	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	9:05	AM / PM	R. Kable Truck	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	12:37	AM / PM	Bechtel	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	13:21	AM / PM	Reliable, T.	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	13:04	AM / PM	Expo E.	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	14:40	AM / PM	Conti Concrete	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	2:48	AM / PM	Conti Concrete	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	3:04	AM / PM	Signet	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	3:18	AM / PM	Conti	Yes <input checked="" type="checkbox"/>	Clean	A.S
6-1	3:24	AM / PM	SIF	Yes <input checked="" type="checkbox"/>	Clean	A.S

Comments:

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**CONDITION OF CERTIFICATION  
AQ-SC5**

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**

Response to CMP request for additional information for not meeting tier II standards in April MCR to be provided in separate report.



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 COMPLIANCE WITH ARB TIER 0 ENGINE W CARB	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	5/30/2011
RX5N37	FORK LIFT	PETTIBONE	204D	1969 - ENGINE MODEL YR 1982	180			X	12/1/2010	5/20/2011
JD4J95	CRANE	LINK-BELT	HC-218B	1969 - ENGINE MODEL YR 1969	220			X	12/1/2010	5/13/2011
AE3N63	CRANE	LINK-BELT	HC-218B	1969 - ENGINE MODEL YR 1969	300			X	12/1/2010	5/13/2011
AR6B68	Tractors/Loaders/Backhoes	CASE	580 K	1969 - ENGINE MODEL YR 1990	63	NA	NA	NA	12/1/2010	5/30/2011
CJ8V75	CRANE	MANITOWOC	4100WV SII	1969 - ENGINE MODEL YR 2008	335	X			2/10/2011	5/30/2011
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	
XY9M94	CRANE	MANITOWOC	4000W	1969 - ENGINE MODEL YR 1998	360		X		3/28/2011	5/26/2011
AR4S48	Tractors/Loaders/Backhoes	CASE	580M2	2004 - ENGINE MODEL YR 2004	85	NA	NA	NA	3/28/2011	
HH7A85	Rubber Tired Loaders	BOBCAT	S205	2005 - ENGINE MODEL YR 2005	66			NA	3/28/2011	

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

SIGNED: Maurice Ward Print Names: Maurice Ward

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

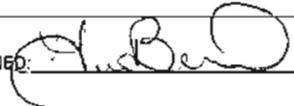
Response to CMP request for additional information for not meeting tier II standards in April MCR to be provided in separate report.



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	DATE ARRIVED ON SITE	DATE REMOVED FROM SITE
SN9J58	Tractors/Loaders/Backhoes	DEERE	210-J	2010 ENGINE / MODEL YR 2010	99	NA			4/5/2011	
YH9T54	Rough Terrain Forklifts	SKY_TRAK	8042	2007 ENGINE /MODEL YR 2006	110	X			4/5/2011	5/9/2011
DM9X79	Crane	TEREX	RT335	2003 ENGINE /MODEL YR 2005	155	X			4/11/2011	
FN7N73	Crawler Tractors	CATERPILLAR	D4G	2005 ENGINE /MODEL YR 2005	87	NA			4/11/2011	
MP4D66	Crane	LIEBHERR	LR1280	2003 ENGINE /MODEL YR 2003	536	X			5/23/2011	
KT3E95	Tractors/Loaders/Backhoes	DEERE	310G	2006 ENGINE /MODEL YR2006	71	NA			4/11/2011	
VE8X93	Skid Steer Loaders	BOBCAT	S185	2007 ENGINE /MODEL YR 2007	40	NA			4/12/2011	
SPTV68	Forklifts	INGERSOLL-RAND	VR843	2007 ENGINE /MODEL YR 2006	82	NA			4/12/2011	
WE3D43	Crane	LINK-BELT	RTC-B090	2009 ENGINE /MODEL YR 2008	225	X			4/12/2011	
JU8H75	Excavators	CATERPILLAR	336DL	2009 ENGINE /MODEL YR 2009	286	X			4/12/2011	
XS7K45	Rubber Tired Loaders	CATERPILLAR	IT38H	2008 ENGINE /MODEL YR 2008	197	X			4/12/2011	
UY4L99	Roller	CATERPILLAR	C954	2008 ENGINE /MODEL YR 2008	129	X			4/12/2011	
LX4P57	Excavators	CATERPILLAR	320dlr	2010 ENGINE /MODEL YR 2009	148	X			5/6/2011	
MG5F57	trencher	ditch Witch	RT40	2005 ENGINE /MODEL YR 2004	42	X			5/13/2011	
DV4L85	Crane	GROVE	RT530E	2007 ENGINE /MODEL YR 1999	160	x			5/13/2011	
UB5C74	Excavators	CATERPILLAR	345BL II	2005 ENGINE /MODEL YR 2004	345	X			5/16/2011	

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

SIGNED:  Print Name: Gwan BECHTEL

COMPANY: Bechtel Power Corp. DOOR ID - 12610 MONTH: May, 2011



**CONDITION OF CERTIFICATION  
WORKER SAFETY-3**

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**

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

### Worker Safety – 3

May 1 – May 31, 2011

The project had its first OSHA Recordable on May, 26, 2011. A Bechtel laborer was assisting in backfilling a trench in an area where use of a concrete bucket to place soil backfill was required due to access restrictions. While managing the bucket, he grabbed the dump lever to one side rather than in the middle and when it depressed downward, it struck his right second finger and caused a Tibbs fracture to the tip of the finger. It was initially reported as a first aid case. After a qualified expert examined the injury, diagnosed it as a fracture and prescribed medication it became a recordable incident. Following are the activities for ESH during the month:

- Progressed the RF issues including measurements, training, procedure writing, and continued assessment of the mitigation efforts.
- Leibherr 1280 computer controls were adversely affected by RF and resulted in the installation of an alternate LSI wireless system which appears to have resolved this one issue.
- Grounding cranes and mobile machinery.
- Second Safety professional added to the jobsite staff – Hector Tellez
- RF Safety Engineer added to the jobsite staff – Russell Ford
- Supervisor Safety Weekly meetings continue.
- Continued monitoring all subcontractor site work for ESH compliance.
- Completed standard BESH reporting requirements and participation in scheduled conference calls.
- Conducted New Hire Orientations for new employees.
- Conducted Fall Prevention/Protection Training.
- Coordinated with CBO Safety Monitor for site visits.
- Held all-hands Meeting with craft and non-manuals to discuss Recordable incident

#### **Next Month:**

- Continue efforts to control and quantify RFI hazards.
- Continue focus on trench and excavation safety.
- Continued support and review of documents and submittals for next phase.
- Supply and organize site Safety and Medical Services trailer.

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

Complaints: No complaints were brought to Bechtel's attention in May.

Additions to the on-site compliance file:

- New Hire Orientation/WEAP training records
- Fugitive Dust Monitoring Log
- Tire Inspection Log
- Diesel Engine Inventory Log
- Ultra Diesel Fuel Receipt



### COURSE ROSTER

DATE: 5/2/2011			
COURSE ID:		COURSE TITLE: New Hire ES&H New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)	
INSTRUCTOR NAME(S): GWEN BECHTEL / DANA SMITH			
LOCATION WHERE GIVEN: <input checked="" type="checkbox"/> Bechtel <input type="checkbox"/> Other (specify)			
COURSE COMPLETION DATE:		COURSE LENGTH:	
PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
LAST	FIRST		
Chavez Vigil	ARTURO RAFAEL	Arturo Chavez	2
Vardin Follett	Andre Dustin	Andre Dustin	
SHERFY Morgan	JERRY Levi	Jerry Sherfy	
CARVALHO	PATRICK	Patrick Carvalho	
Formbals ACKERMAN	David VANCE	David Formbals	PGEE
RETANCOVIT KYLE	ALFREDO SEAN	Alfredo Retanovitch	100136
HARMON Lewis	RICHARD RUBEN	Richard Harmon	
LEWIS	KEVIN	Kevin Lewis	
INSTRUCTOR'S SIGNATURE:		DATE: 5/2/2011	
** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in WEAP.			











# COURSE ROSTER

DATE: 5/16/11

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

INSTRUCTOR NAME(S): J. Smith

LOCATION WHERE GIVEN:  Bechtel  Other (specify) \_\_\_\_\_

COURSE COMPLETION DATE: \_\_\_\_\_ COURSE LENGTH: \_\_\_\_\_

PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
LAST	FIRST		
Mendoza Torres	Bernardo Ricardo		
Ambriz Hernandez	Ricardo Miguel		
Cimarron Fisk	Bene Brad		
TELLEZ	HECTOR		789951
Rea	ROBERTO		
PALMENO	HECTOR		
Gentry	woody		
Calles Jr.	Joseph A.		
Hopson	GLENN		
Adams	CHRIS		
WALLS	MICHAEL		
INSTRUCTOR'S SIGNATURE:		DATE: 5/16/11	

\*\* 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 #10  
May 2011**

**Russell City Energy Center**

**MONTHLY BIOLOGICAL COMPLIANCE REPORT**

**May, 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 May included pile driving, foundation work, excavation and installation of electrical and water utility lines on the project site and other miscellaneous excavation and grading activities. Weekly monitoring by the designated biologist, Russell Huddleston and/or CH2M HILL Biologist Holly Barbare, was conducted on May 5, 12, 20, 24 and 31, 2011. Most of the wildlife observed in and around the site is comprised of various bird species. Birds are most common along the western fence line, in and around the storm water detention basin, outside the project area or flying overhead. The most common and abundant species observed were cliff swallows.

A preconstruction survey of the transmission line alignment from the Pacific Gas and Electric Company's East Shore Substation to the Russell City Energy Center was conducted by Russell Huddleston on May 24, 2011. The entire transmission line alignment is located in highly developed areas with towers located in parking lots, industrial areas, along State

Route 92 and along railroad tracks. No nests were observed in any of the towers and no biological resource issues were evident.

In general there was little to no biological activity observed in any of the off-site laydown areas. Notable biological observations during the month of May at the project site are described below.

During the afternoon of May 12, Gwen Bechtel and Lowell Brown discovered a gopher snake tangled in the erosion mat netting around the sediment treatment pond. With the assistance of CH2M HILL cultural resources monitor, Sonia Sifuentes, the snake was carefully removed. The snake appeared to be unhurt and was relocated to a safe location off site.



Sonia Sifuentes extricating gopher snake from erosion matting

On May 31, 2011 a killdeer nest with three eggs was observed in the northern part of the site, west of the main driveway entrance to the site, east of the auto junkyard. The nest area has been reported to all construction staff and the area has been fenced off.



Construction fencing around killdeer nest

In addition to the gopher snake the only other new wildlife species observed was a Cooper's hawk. A cumulative list of species that have been observed to date 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
American white pelican	<i>Pelecanus erythrorhynchos</i>	Observed flying overhead southwest of site
Anna's hummingbird	<i>Calypte anna</i>	Observed along fences at the Runnels and Chess laydown 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

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

Common Name	Scientific Name	Comments
		Area 2 and around project site
Black-neck Stilt	<i>Himantopus mexicanus</i>	Observed in open stormwater channel west of RCEC site
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	Common along western fence line of project 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
California towhee	<i>Pipilo crissalis</i>	Observed on site and in Chess laydown area.
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
Cooper's hawk	<i>Accipiter cooperii</i>	One individual observed flying overhead.
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

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

---

<b>Common Name</b>	<b>Scientific Name</b>	<b>Comments</b>
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 gull	<i>Larus occidentalis</i>	Common in and around project site.
Western sandpiper	<i>Calidris mauri</i>	Several individuals observed around edge of the stormwater detention pond
Western Tanager	<i>Piranga ludoviciana</i>	Observed on fence at Laydown Area 3
White crowned sparrow	<i>Zonotrichia leucophrys</i>	Common along fences west side of project site
Yellow legs	<i>Tringa melanoleuca</i>	One individual observed around edge of the stormwater detention pond
<b>MAMMALS</b>		
Black-tailed Jackrabbit	<i>Lepus californicus</i>	One individual observed on project site
California ground squirrel	<i>Otospermophilus beecheyi</i>	One individual observed adjacent to project site
Mice/Voles	<i>Microtus</i> spp.	Few individuals noted on site during clearing and grading activities
Norway Rat	<i>Rattus norvegicus</i>	One individual observed on project site
Raccoon	<i>Procyon lotor</i>	Tracks observed only along east fence line.
Striped skunk	<i>Mephitis mephitis</i>	One dead individual observed on site
<b>REPTILES</b>		
Gopher snake	<i>Pituophis catenifer catenifer</i>	Observed caught in erosion mat netting around sediment pond - extricated and removed off site.
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 #10  
May 2011**

# Russell City Energy Center Monthly Compliance Reports (MCRs)

## Soil & Water – 1

May 1 – May 31, 2011

### Drainage, Erosion and Sediment Control Measures

Minor modification to BMP's were completed in May, including relocation of existing perimeter silt fence, straw waddles behind permanent fence installation and replacing inlet protection along Depot Rd.

Dewatering from underground trench excavations was required in May. Groundwater was withdrawn using small portables diesel engine driven centrifugal pump and transferred into baker tanks. This ground water has been removed from the baker tanks and hauled to East Bay Municipal Utility District (EBMUD) for disposal for under a construction groundwater permit.

Continuing construction fugitive dust controls included daily wet street sweeper on paved roads, water tanker truck wetting dry soil surfaces, and use of the tire wash station.



(Depot Road entrance perimeter BMP's installed along new security fence line)

### Site Conditions and Weather

Seasonal temperatures in May along with multiple precipitation events were noted during the month.

- Monthly Weather: Rainfall/precipitation in May 2011 was above normal at 0.91 inches, which is – 0.51 inch above the average month total of \*\*0.40 inch. ( \*\*Hayward Regional Airport)
- Temperatures for the month of May 2011 averaged 59.0 ° with daytime highs averaging \*\*71 ° and overnight lows averaging 54 ° (\*\* avg. temp. established at the Hayward Regional Airport)

Precipitation events:

- 5/14 = 0.26"
- 5/15 = 0.03"

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

- 5/16 = 0.2”
- 5/17 = 0.1”
- 5/18 = 0.01”
- 5/25 = 0.04”
- 5/28 = 0.09”
- 5/31 = 0.18”

May precipitation total = 0.91”

### Monitoring and Maintenance Activities

Routine maintenance of erosion control measures (e.g., inlet protection, straw wattles, and silt fencing) was performed during the month of May.



(Additional rock tracking pad installed along tire wash station)

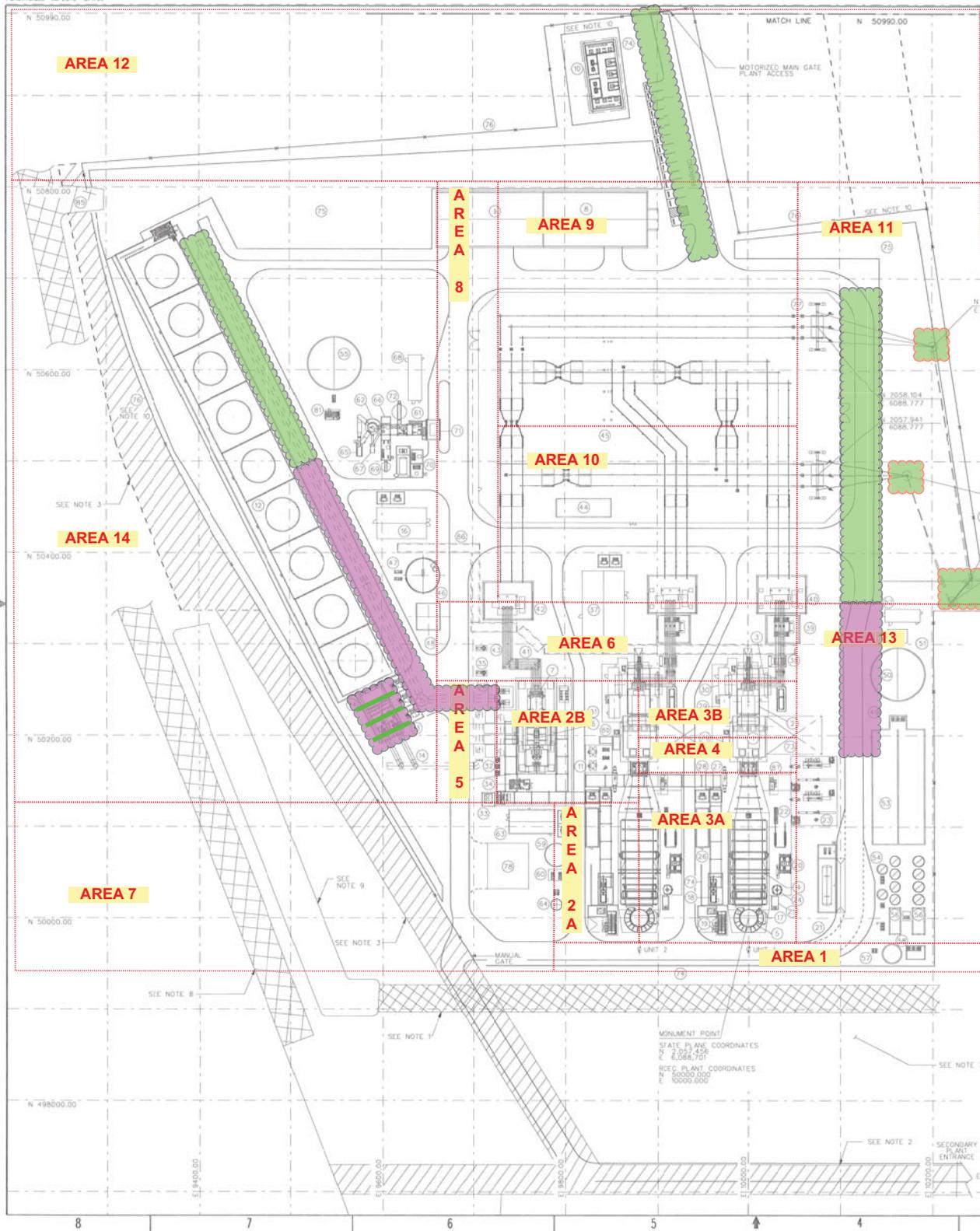


(Inactive soil stockpile covered with plastic per CECP and SMP)

**CONDITION OF CERTIFICATION  
CUL-2**

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**

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**WEEK OF MAY 30, 2011**

- U/G utilities Area 13, excavation to 2 MSL
- Circ water pipe Area 5 & 14, excavation to -5 MSL
- Sheet piling installation Area 14, auger to -6 MSL

**WEEK OF JUNE 6, 2011**

- U/G utilities Area 9 & 12, excavation to 2 MSL
- U/G utilities Area 11, excavation to 2 MSL
- Circ water pipe Area 14, excavation to -5 MSL
- Sheet piling installation Area 14, auger to -6 MSL
- PG&E foundation in Area 11, excavation to -3 MSL

11	AIR COMPRESSORS, RECEIVERS, AND DRIVERS
12	COOLING TOWER
13	CIRCULATING WATER PUMPS
14	CIRCULATING WATER PIPES
15	COOLING TOWER CHEMICAL FEED AREA
16	COOLING TOWER ELECTRICAL BUILDING
17	CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) SHELTER
18	HEATER FEEDER PUMPS
19	HRSIG CHEMICAL FEED AREA
20	AMMONIA INJECTION SKID
21	AMMONIA STORAGE TANK, PUMPS & VAPORIZER
22	FUEL GAS BURNER SKID
23	FUEL GAS CONDITIONING AREA
24	HRSIG BLOWDOWN TANK
25	HRSIG BLOWDOWN SUMP AND PUMPS
26	HRSIG POWER DISTRIBUTION CENTER (PDC)
27	HE FLE HOLE MOTOR AIR COOLER
28	STEAM & WATER ANALYSIS SHELTER
29	COMBUSTION TURBINE MECHANICAL MODULE
30	COMBUSTION TURBINE ELECTRICAL MODULE
31	CONDENSER
32	CONDENSATE PUMPS
33	STO AREA CHEMICAL FEED SKID
34	STO LIME SKID
35	CLOSED COOLING WATER PUMPS
36	CLOSED COOLING WATER HEAT EXCHANGERS
37	MAIN ELECTRICAL SWITCHGEAR BUILDING
38	ETC GENERATOR CIRCUIT BREAKER
39	SWP 30KV/5MVA TRANSFORMER
40	ETC STEP-UP TRANSFORMER
41	GENERATOR EXCITATION ENCLOSURE
42	ETC STEP-UP TRANSFORMER
43	ISOPHASE BUS DUCT
44	EMPLOYEES CONTROL HOUSE
45	EMPLOYEES
46	SERVICE / FIRE WATER STORAGE TANK
47	SERVICE WATER PUMPS
48	FIRE PUMP SKID ENCLOSURE
49	RECYCLED WATER FACILITY (RW) AREA
50	RECYCLED WATER STORAGE TANK (WILE 22 WATER)
51	COOLING TOWER MAKE-UP & FILTER BACKWASH PUMPS
52	HWF ELECTRICAL BUILDING / WATER TREATMENT 1 (W)
53	COOLING CONTACT SKIDS
54	HWF CHEMICAL FEED AREA
55	COOLING TOWER BLOW-DOWN TANK
56	OLANFER
57	CLUDGE TANK AND PUMPS
58	RAIN WELL WELL BY POT LIFT PUMPS
59	SEWAGE WATER STORAGE TANK
60	SEWAGE WATER TRANSFER PUMPS
61	CRYSTALIZERS AND ACCESSORIES
62	EVAPORATOR
63	ETC ELECTRICAL BUILDING
64	MIXED BED FEED TANK AND PUMPS
65	HE VAPOR COMPRESSOR
66	TRAMP PUMPS
67	IRC RECIRCULATION PUMP
68	FEED ELECTRICAL BUILDING / CT MAINTENANCE
69	FEED TANK WITH MIXER
70	CHEMICAL CONTAINMENT AREA
71	TRIP PRECEDER
72	CRYSTALLIZER FEED TANK WITH MIXER
73	MOBILE CRANE AREA / CT MAINTENANCE
74	ACQUISITION BARRIER WALLS
75	STORM WATER DETENTION AREA
76	SPRING ENCLOSURE
77	CONTINUOUS TAKE-OFF TOWER
78	HEATED BED RENTAL SKIDS
79	ETC WATER BURNER SUMP
80	POWERHOUSE AREA SUMP
81	SKID / WATER SEPARATOR
82	TRUCK WASH WASH AREA
83	PIPE GAS METERING STATION
84	PIPE GAS ACCESS ROAD
85	STORM WATER OUTFALL
86	CABLE TRENCH
87	ICE COOL SKID

**Excavated/Lime Treated as of May 25, 2011**

Area 1 - 3 MSL	Area 8 - 5 MSL
Area 2A - 3 MSL	Area 9 - 7 MSL
Area 2B - 3 MSL	Area 10 - 7 MSL
Area 3 - 3 MSL	Area 11 - 5 MSL
Area 4 - 3 MSL	Area 12 - 5 MSL
Area 5 - 3 MSL	Area 13 - 5 MSL
Area 6 - 3 MSL	Area 14 - 5 MSL
Area 7 - 3 MSL	

CBO APPROVAL <input type="checkbox"/> CBO REVIEW REQUIRED	<input type="checkbox"/> RE-ISSUED FOR USE DATE: 05/30/11 BY: [Signature]
	<input type="checkbox"/> RE-ISSUED FOR USE DATE: 05/30/11 BY: [Signature]
EXPIRATION DATE: 05/30/11	
<b>BECHTEL</b> FREDERICK, WARTLAND <b>CALPINE</b> RUSSELL CITY ENERGY CENTER HAYWARD, CALIFORNIA	
<b>PLOT PLAN</b>	
JOB NO. 25483	BECHTEL DRAWING NO. 1-PI-0010-00001
SHEET NO. 1	TOTAL SHEETS 1

**CONDITION OF CERTIFICATION  
CUL-4**

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**



### COURSE ROSTER

DATE: 5/2/2011			
COURSE ID:	COURSE TITLE: New Hire ES&H New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)		
INSTRUCTOR NAME(S): Owen Bechtel / Dana Smith			
LOCATION WHERE GIVEN: <input checked="" type="checkbox"/> Bechtel <input type="checkbox"/> Other (specify)			
COURSE COMPLETION DATE:	COURSE LENGTH:		
PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
LAST	FIRST		
Chavez Vigil	ARTURO RAFAEL	Arturo Chavez	2
Vardin Follett	Andre Dustin	Andre Dustin	
SHERFY Morgan	JERRY Levi	Jerry Sherfy	
CARVALHO	PATRICK	Patrick Carvalho	
Formbals ACKERMAN	David VANCE	David Formbals	PGEE
RETANCOVIT KYLE	ALFREDO SEAN	Alfredo Retanovitch	100136
HARMON Lewis	RICHARD RICHARD	Richard Harmon	
LEWIS	KEVIN	Kevin Lewis	
INSTRUCTOR'S SIGNATURE:		DATE: 5/2/2011	
** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in WEAP.			











### COURSE ROSTER

DATE: 5/16/11

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

INSTRUCTOR NAME(S): J. Smith

LOCATION WHERE GIVEN:  Bechtel  Other (specify) \_\_\_\_\_

COURSE COMPLETION DATE: \_\_\_\_\_ COURSE LENGTH: \_\_\_\_\_

PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
LAST	FIRST		
Mendoza Torres	Bernardo Ricardo	[Signature]	
Ambriz Hernandez	Ricardo Miguel	[Signature]	
Cimarron	Bene	[Signature]	
FISK	Brad	[Signature]	
TELLEZ	HECTOR	[Signature]	789951
Rea	Roberto	[Signature]	
PALMENO	HECTOR	[Signature]	
Gentry	woody	[Signature]	
Calles Jr.	Joseph A.	[Signature]	
Hopson	GLENN	[Signature]	
Adams	CRISS	[Signature]	
WALLS	MICHAEL	[Signature]	
INSTRUCTOR'S SIGNATURE: [Signature]		DATE: 5/16/11	

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





**CONDITION OF CERTIFICATION  
CUL-6**

**Russell City Energy Center  
Monthly Compliance Report #10  
May 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:** May 1<sup>st</sup> through May 7<sup>th</sup>, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of May 1<sup>st</sup> through May 7<sup>th</sup>, 2011 as required by Condition of Certification CUL-6.

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

Henry Davis and Dimitra Zalarvis-Chase participated as CRMs for this week.

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

Monitoring of ground disturbance included the excavation of a vault pit south of the retention pond and auguring for pile driving. Native sub-soils were encountered at a depth of 3-6 feet above mean sea level (AMSL). The native soil is characterized as black silty clay overlaying light gray to yellow brown silty clays.

### **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 pile driving area well as vault and duct bank excavations in the manhole 1 and 8 areas. 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:** May 8<sup>th</sup> through May 14<sup>th</sup>, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of May 8<sup>th</sup> through May 14<sup>th</sup>, 2011 as required by Conditions of Certification CUL-6.

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

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

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

Monitoring of ground disturbance included the excavation of temporary power and sewer line trenches and auguring for pile driving and geo-testing. Native sub-soils were encountered at a depth of 3-6 feet above mean sea level (AMSL). The native soil is characterized as black silty clay overlaying light gray to yellow brown silty clays.

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

No new cultural resources discoveries were made this month.

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

Pile driving is complete, however excavations will continue in the pile driving area for various conduit and duct banks. Duct bank excavations in the area south of the retention pond will continue as well. 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:** May 15<sup>th</sup> through May 21<sup>st</sup>, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of May 15<sup>th</sup> through May 21<sup>st</sup>, 2011 as required by Conditions of Certification CUL-6.

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

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

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

Monitoring of ground disturbance included the excavation of vault pit and duct bank trenches south west of the retention pond (area 9) and auguring for sheet pile driving in the fore bay area. Excavation of the recirculation pipeline has also begun. Native sub-soils were encountered at a depth of 3-6 feet above mean sea level (AMSL). The native soil is characterized as black silty clay overlaying light gray to yellow brown silty clays.

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

No new cultural resources discoveries were made this month.

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

Duct bank excavations in the areas of manhole 1 and manhole 8 (areas 9 and 13) will continue as will auguring for sheet pile driving. 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:** May 22<sup>nd</sup> through May 28<sup>th</sup>, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of May 22<sup>nd</sup> through May 28<sup>th</sup>, 2011 as required by Conditions of Certification CUL-6.

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

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

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

Monitoring of ground disturbance included the excavation of vault pit, and duct bank trenches in areas 9 and 13 as well as auguring for sheet pile driving in the fore bay area and the excavation of the recirculation pipeline. Native sub-soils were encountered at a depth of 3-6 feet above mean sea level (AMSL). The native soil is characterized as black silty clay overlaying light gray to yellow brown silty clays.

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

No new cultural resources discoveries were made this month.

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

Auguring for sheet pile driving will conclude and duct bank excavations in the switchyard, warehouse and transformer areas (area 9 and 13) will continue. Excavations for the transmission line are scheduled 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:** May 29<sup>th</sup> through May 31<sup>st</sup>, 2011

This report covers cultural resources monitoring activities at the Russell City Energy Center project for the week of May 29<sup>th</sup> through May 31<sup>st</sup>, 2011 as required by Condition of Certification CUL-6.

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

Sonia Sifuentes participated as CRM for this week.

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

Monitoring of ground disturbance included the excavation of vault pit and duct bank trenches in areas 9,11 and 13. Native sub-soils were encountered at a depth of 3-6 feet above mean sea level (AMSL). The native soil is characterized as black silty clay overlaying light gray to yellow brown silty clays.

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

No new cultural resources discoveries were made this month.

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

Sheet pile driving is complete as is the recirculation pipeline excavation. Duct bank and vault pit excavations in areas 9, 11 and 13 will continue. Work on the transmission line has been postponed. 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 #10  
May 2011**



### COURSE ROSTER

DATE: 5/2/2011			
COURSE ID:		COURSE TITLE: New Hire ES&H New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)	
INSTRUCTOR NAME(S): GWEN BECHTEL / DANA SMITH			
LOCATION WHERE GIVEN: <input checked="" type="checkbox"/> Bechtel <input type="checkbox"/> Other (specify)			
COURSE COMPLETION DATE:		COURSE LENGTH:	
PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
LAST	FIRST		
Chavez Vigil	ARTURO RAFAEL	Arturo Chavez	2
Vardin Follett	Andre Dustin	Andre Dustin	
SHERFY Morgan	JERRY Levi	Jerry Sherfy	
CARVALHO	PATRICK	Patrick Carvalho	
Formbals ACKERMAN	David VANCE	David Formbals	PGEE
RETANCOVIT KYLE	ALFREDO SEAN	Alfredo Retanovitch	100136
HARMON Lewis	RICHARD RUBEN	Richard Harmon	
LEWIS	KEVIN	Kevin Lewis	
INSTRUCTOR'S SIGNATURE:		DATE: 5/2/2011	
** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in WEAP.			











### COURSE ROSTER

DATE: 5/16/11

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

INSTRUCTOR NAME(S): J. Smith

LOCATION WHERE GIVEN:  Bechtel  Other (specify) \_\_\_\_\_

COURSE COMPLETION DATE: \_\_\_\_\_ COURSE LENGTH: \_\_\_\_\_

PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
LAST	FIRST		
Mendoza Torres	Bernardo Ricardo	[Signature]	
Ambriz Hernandez	Ricardo Miguel	[Signature]	
Cimarron	Bene	[Signature]	
FISK	Brad	[Signature]	
TELLEZ	HECTOR	[Signature]	789951
Rea	Roberto	[Signature]	
PALMENO	HECTOR	[Signature]	
Gentry	woody	[Signature]	
Calles Jr.	Joseph A.	[Signature]	
Hopson	GLENN	[Signature]	
Adams	CAISS	[Signature]	
WALLS	MICHAEL	[Signature]	
INSTRUCTOR'S SIGNATURE: [Signature]		DATE: 5/16/11	

\*\* 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 #10  
May 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 Resource Specialist (PRS)  
**Reporting For Period:** April 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 weeks ending:

April 1 (reported last period)  
April 8  
April 15  
April 22  
April 29

Most construction activities continue to be at too shallow a depth to affect paleontologically sensitive sediment.

### Paleontological Resources Discoveries This Period

No paleontological material was identified.

### Anticipated Activities in the Next Period

Monitoring is expected to continue into May 2011.

### Comments, Issues or Concerns

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

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

**Russell City Energy Center  
Monthly Compliance Report #10  
May 2011**

## RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
<b>AIR QUALITY</b>																
AQ	SC03	PRE-OP		MCR	The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of preventing all fugitive dust plumes from leaving the Project.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC04	PRE-OP		MCR	The AQCMM or an AQCMM Delegate shall monitor all construction activities for visible dust plumes.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC05	PRE-OP		MCR	The AQCMM shall submit to the CPM in the MCR, a construction mitigation report that demonstrates compliance with the following mitigation measures for the purposes of controlling diesel construction-related emissions.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC06	OP			The project owner shall provide the CPM copies of all District issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) for the facility and any modifications proposed by the project owner to any project air permit for review and approval.	The project owner shall submit any ATC, PTO, and any proposed air permit modification to the CPM within five (5) working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.										Ongoing
AQ	SC07a	OP		QCR	The facility's emissions shall not exceed 1,225 lbs of NOx per day during the June 1 to September 30 periods. In addition, NOx emissions in excess of 848 lbs per calendar day shall be mitigated through the surrender of emission reduction credits (ERCs). The amount of credits to be surrendered shall be the difference between 848 lbs per day and the actual daily emissions.	As part of the quarterly compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC07b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC08a	OP		QCR	Turbine hot/warm start-up NOx emissions shall not exceed 125 pounds per start-up event.	As part of the quarterly compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC08b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC09a	OP		QCR	The project owner shall not operate both gas turbines (S-1 and S-3) simultaneously in start-up mode.	As part of the quarterly and annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC09b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC15	OP		ACR	The owner/operator shall not operate S-6 Fire pump Diesel Engine for testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing) simultaneously with the operation of either gas turbine (S-1 or S-3) in start-up mode.	As part of the quarterly and annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started

## RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

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

## RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

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

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	15b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	16a	OP		QCR	The owner/operator shall not fire the HRSG duct burners (S-2 & S-4) unless its associated gas turbine (S-1 & S-3, respectively) is in operation. (BACT for NOx)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	16b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	17a	OP		QCR	The owner/operator shall ensure that the S-1 gas turbine and S-2 HRSG are abated by the properly operated and properly maintained A-1 SCR system and A-2 oxidation catalyst system whenever fuel is combusted at those sources and the A-1 SCR catalyst bed has reached minimum operating temperature. (BACT for NOx, POC and CO)	As part of the quarterly compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	17b	OP		ACR		As part of the annual compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	18a	OP		QCR	The owner/operator shall ensure that the S-3 gas turbine and S-4 HRSG are abated by the properly operated and properly maintained A-3 SCR System and A-4 oxidation catalyst system whenever fuel is combusted at those sources and the A-3 SCR catalyst bed has reached minimum operating temperature. (BACT for NOx, POC and CO)	As part of the quarterly compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	18b	OP		ACR		As part of the annual compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	19	OP		QCR	The owner/operator shall ensure that the gas turbines (S-1 & S-3) and HRSGs (S-2 & S-4) comply with requirements (a) through (h) under all operating scenarios, including duct burner firing mode. Requirements (a) through (h) do not apply during a gas turbine start-up, combustor tuning operation or shutdown. (BACT, PSD, and Regulation 2, Rule 5)	The project owner shall submit to the District and CPM, quarterly reports for the proceeding calendar quarter within 30 days from the end of the quarter. The report for the fourth quarter can be an annual compliance summary for the preceding year.										Not Started
AQ	19b	OP		ACR		The report for the fourth quarter can be an annual compliance summary for the preceding year.										Not Started
AQ	20a	OP		QCR	The owner/operator shall ensure that the regulated air pollutant mass emission rates from each of the gas turbines (S-1 & S-3) during a start-up does not exceed the limits established below. (PSD)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	20b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started

## RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

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

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to 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

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	33a	OP			The owner/operator shall calculate the SAM emission rate using the total heat input for the sources and the highest results of any source testing conducted pursuant to AQ-30. If this SAM mass emission limit of AQ-24 is exceeded, the owner/operator must utilize air dispersion modeling to determine the impact (in µg/m3) of the sulfuric acid mist emissions pursuant to Regulation 2-2-306. (PSD)	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	33b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	34a	OP			Within 90 days of start-up of the RCEC and on a semi-annual basis (twice per year) thereafter, the owner/operator shall conduct a District-approved source test on exhaust points P-1 and P-2 while each gas turbine and HRSG duct burner is operating at maximum heat input rates to demonstrate compliance with the SAM emission rates specified in AQ-24.	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	34b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	35	OP			The owner/operator of the RCEC shall submit all reports (including, but not limited to monthly CEM reports, monitor breakdown reports, emission excess reports, equipment breakdown reports, etc.) as required by District Rules or Regulations and in accordance with all procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Enforcement Division Policies & Procedures Manual. (Regulation 2-6-502)	The project owner shall submit to the District and CPM the reports as required by procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Enforcement Division Policies & Procedures Manual.	As required									Not Started
AQ	36	OP			The owner/operator of the RCEC shall maintain all records and reports on site for a minimum of 5 years. These records shall include but are not limited to: continuous monitoring records (firing hours, fuel flows, emission rates, monitor excesses, breakdowns, etc.), source test and analytical records, natural gas sulfur content analysis results, emission calculation records, records of plant upsets and related incidents. The owner/operator shall make all records and reports available to District and the CPM staff upon request. (Regulation 2-6-501)	During site inspection, the project owner shall make all records and reports available to the District, ARB, EPA or CEC staff.	Open									Not Started
AQ	37a	OP		QCR	The owner/operator of the RCEC shall notify the District and the CPM of any violations of these permit conditions. Notification shall be submitted in a timely manner, in accordance with all applicable District Rules, Regulations, and the Manual of Procedures. Notwithstanding the notification and reporting requirements given in any District Rule, Regulation, or the Manual of Procedures, the owner/operator shall submit written notification (facsimile is acceptable) to the Enforcement Division within 96 hours of the violation of any permit condition. (Regulation 2-1-403)	Submittal of these notifications as required by this condition is the verification of these permit conditions. In addition, as part of the quarterly compliance reports of AQ-19, the project owner shall include information on the dates when these violations occurred and when the project owner notified the District and the CPM.										Not Started

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CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	37b	OP		ACR		Submittal of these notifications as required by this condition is the verification of these permit conditions. In addition, as part of the annual compliance reports of AQ 19, the project owner shall include information on the dates when these violations occurred and when the project owner notified the District and the CPM.										Not Started
AQ	38	CONS			The owner/operator shall ensure that the stack height of emission points P-1 and P-2 is each at least 145 feet above grade level at the stack base. (PSD, Regulation 2-5)	At least 120 days prior to construction of the turbine stacks, the project owner shall provide the District and CPM an "approved for construction" drawing showing the appropriate stack height and location of sampling ports and platforms. The project owner shall make the site available to the District, EPA and CEC staff for inspection.	Prior to construction	120								Not Started
AQ	39	CONS			The owner/operator of RCEC shall provide adequate stack sampling ports and platforms to enable the performance of source testing. The location and configuration of the stack sampling ports shall comply with the District Manual of Procedures, Volume IV, Source Test Policy and Procedures, and shall be subject to BAAQMD review and approval. (Regulation 1-501)	At least 120 days prior to construction of the turbine stacks, the project owner shall provide the District and CPM an "approved for construction" drawing showing the appropriate stack height and location of sampling ports and platforms. The project owner shall make the site available to the District, EPA and CEC staff for inspection.	Prior to construction	120								Not Started
AQ	40	PRE-OP			Within 180 days of the issuance of the Authority to Construct for the RCEC, the owner/operator shall contact the BAAQMD Technical Services Division regarding requirements for the continuous emission monitors, sampling ports, platforms, and source tests required by AQ-29, 30, 32, 34, and 43.	Compliance with this condition is the verification of this permit condition.	Issuance of ATC	180								Not Started
AQ	41	OP			Pursuant to BAAQMD Regulation 2, Rule 6, section 404.1, the owner/operator of the RCEC shall submit an application to the BAAQMD for a major facility review permit within 12 months of completing construction as demonstrated by the first firing of any gas turbine or HRSG duct burner. (Regulation 2-6-404.1)	The project owner shall submit to the CPM copies of the Federal (Title IV) Acid Rain and (Title V) Operating Permit within thirty (30) days after they are issued by the District.	After issued by District	30								Not Started
AQ	42	OP			Pursuant to 40 CFR Part 72.30(b)(2)(ii) of the Federal Acid Rain Program, the owner/operator of the Russell City Energy Center shall submit an application for a Title IV operating permit to the BAAQMD at least 24 months before operation of any of the gas turbines (S-1, S-3, S-5, or S-7) or HRSGs (S-2, S-4, S-6, or S-8). (Regulation 2, Rule 7)	The project owner shall submit to the CPM copies of the Federal (Title IV) Acid Rain and (Title V) Operating Permit within thirty (30) days after they are issued by the District.	After issued by District	30								Not Started
AQ	43	PRE-OP			The owner/operator shall ensure that the Russell City Energy Center complies with the continuous emission monitoring requirements of 40 CFR Part 75. (Regulation 2, Rule 7)	At least sixty (60) days prior to the installation of the CEMS, the project owner shall seek approval from the District for an emission monitoring plan.	Prior to installation of CEMS	60								Not Started

### PERMIT CONDITIONS FOR COOLING TOWERS

## RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	44	CONS			The owner/operator shall properly install and maintain the S-5 cooling tower to minimize drift losses. The owner/operator shall equip the cooling tower with high-efficiency mist eliminators with a maximum guaranteed drift rate of 0.0005%. The maximum total dissolved solids (TDS) measured at the base of the cooling towers or at the point of return to the wastewater facility shall not be higher than 8,000 ppmw (mg/l). The owner/operator shall sample and test the cooling tower water at least once per day to verify compliance with this TDS limit (PSD).	At least 120 days prior to construction of the cooling tower, the project owner shall provide the District and CPM an "approved for construction" drawing and specifications for the cooling tower and the high-efficiency mist eliminator.	Prior to construction	120								Not Started
AQ	45a	OP		QCR	The owner/operator shall perform a visual inspection of the cooling tower drift eliminators at least once per calendar year, and repair or replace any drift eliminator components which are broken or missing.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	45b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
<b>PERMIT CONDITIONS FOR S-6 FIRE PUMP DIESEL ENGINE</b>																
AQ	46a			QCR	The owner/operator shall not operate S-6 Fire Pump Diesel Engine more than 50 hours per year for reliability-related activities. ("Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3) or (e)(2)(B)(3), offsets)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	46b			ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	47a			QCR	The owner/operator shall operate S-6 Fire Pump Diesel Engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating hours while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	47b			ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	48a			QCR	The owner/operator shall operate S-6 Fire Pump Diesel Engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained. ("Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(G)(1), cumulative increase)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	48b			ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	49				The owner/operator shall maintain the following monthly records in a District-approved log for at least 60 months from the date of entry.	During site inspection, the project owner shall make all records and reports available to the District, ARB, EPA or CEC staff.	Open									Not Started
<b>BIOLOGICAL RESOURCES</b>																
<b>DESIGNATED BIOLOGIST SELECTION</b>																

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<b>DESIGNATED BIOLOGIST DUTIES</b>																	
BIO	2a	OP		MCR	The Designated Biologist shall perform the noted during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities	The Designated Biologist shall maintain written records of the tasks described above, and summaries of these records shall be submitted in the Monthly Compliance Reports.											Ongoing
BIO	2b	OP		ACR		During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report.											Not Started
<b>DESIGNATED BIOLOGIST AUTHORITY</b>																	
BIO	3	CONS			The project owner's Construction/Operation Manager shall act on the advice of the Designated Biologist to ensure conformance with the biological resources conditions of certification.	The Designated Biologist must notify the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem.	During construction										Ongoing
<b>BIOLOGICAL RESOURCES MITIGATION IMPLEMENTATION AND MONITORING PLAN</b>																	
BIO	4b	PRE-OP				Within thirty (30) days after completion of project construction, the project owner shall provide to the CPM for review and approval: a written report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which mitigation and monitoring plan items are still outstanding.	After completion of construction	30									Not Started
<b>WORKER ENVIRONMENTAL AWARENESS PROGRAM</b>																	
BIO	5b	PRE-OP		MCR		The project owner shall state in the Monthly Compliance Report the number of persons who have completed the training in the prior month and keep record of all persons who have completed the training to date. The signed statements for the construction phase shall be kept on file by the project owner and made available for examination by the CPM for a period of at least six months after the start of commercial operation.											Ongoing
<b>FACILITY CLOSURE</b>																	
BIO	11	OP			The project owner will incorporate into the planned permanent or unexpected permanent closure plan measures that address the local biological resources. The biological resource facility closure measures will also be incorporated into the project Biological Resources Mitigation Implementation and Monitoring Plan.	At least 12 months (or a mutually agreed upon time) prior to the commencement of closure activities, the project owner shall address all biological resource-related issues associated with facility closure in a Biological Resources Element. The Biological Resources Element will be incorporated into the Facility Closure Plan, and include a complete discussion of the local biological resources and proposed facility closure mitigation measures.	Prior to commencement of closure activities	12 mos									Not Started
<b>CONSTRUCTION NOISE LEVELS</b>																	
<b>BIRD FLIGHT DIVERTERS</b>																	

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

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

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

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

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

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

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

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TSE	4a				For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction, the project owner shall submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS.	Prior to start of each increment of construction	30									Not Started
TSE	4b			MCR	For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO.	The project owner shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.											Not Started
TSE	5				The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall submit the required number of copies of the design drawings and calculations to the CBO as determined by the CBO.	At least sixty (60) days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO, the project owner shall submit to the CBO for approval.	Prior to start of construction	60									Not Started
TSE	6				The project owner shall inform the CPM and CBO of any impending changes, which may not conform to the requirements TSE-5 a) through f), and have not received CPM and CBO approval, and request approval to implement such changes.	At least sixty (60) days prior to the construction of transmission facilities, the project owner shall inform the CBO and the CPM of any impending changes which may not conform to requirements of TSE-5 and request approval to implement such changes.	Priro to construction of T-line or related	60									Not Started
TSE	7				The project owner shall provide the following Notice to the California Independent System Operator (CA ISO) prior to synchronizing the facility with the California Transmission system.	The project owner shall provide copies of the CA ISO letter to the CPM when it is sent to the CA ISO one week prior to initial synchronization with the grid. The project owner shall contact the CA ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing.	Prior to initial synchronization with grid	7									Not Started
TSE	8				The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC GO-95 or NESC, Title 8, CCR, Articles 35, 36 and 37 of the, "High Voltage Electric Safety Orders", applicable interconnection standards, NEC and related industry standards.	Within sixty (60) days after first synchronization of the project, the project owner shall transmit to the CPM and CBO.	After first synchronization	60									Not Started
<b>VISUAL RESOURCES</b>																	
VIS	2a				Prior to the first turbine roll, the project owner shall prepare and implement an approved onsite landscape plan to screen the power plant from view to the greatest extent possible. Suitable irrigation shall be installed to ensure survival of the plantings. Landscaping shall be installed consistent with the City of Hayward zoning ordinance and with the U.S. Fish and Wildlife Service's recommendations, if applicable, that plants not provide opportunities for perching by birds of prey.	Prior to the first turbine roll and at least sixty (60) days prior to installing the landscaping, the project owner shall submit the landscape plan to the CPM for review and approval.	Prior to first turbine roll and prior ot installing landscaping	60									Not Started

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

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

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

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