Russell City Energy Center
01-AFC-7C

Monthly Compliance Report #25
August 1 – August 31, 2012

1. Project Construction Status

As of August 2012 construction is 64.0% complete. Construction installation CTG and STG areas and erection of the CTG enclosures is nearing completion, which will open additional works fronts for the generator lead boxes, the CTG air inlet filter house, and completion of CTG pipe installation. Keys for the steam turbine are being machined so the LP turbine can be aligned which will open work fronts for the build out of the remainder of the LP section and allow work to start on the HP/IP section. Terminations and cable pulls are also behind schedule. Work fronts on the pipe rack and both HRSGs allowed cable pull quantities to increase substantially towards the end of the month which in turn will open work fronts for terminations.

Steel installation is 78% complete with 3% installed in August. Work focused on installation of chemical area sunshades, HRSG monorails, circ water and gas compressor sound wall steel, completion of STG pipe rack steel, and CTG enclosures. Large bore pipe installation is at 70%. Bechtel and vendor small bore pipe is 38% complete.

Cable tray is essentially on the plan at 83% installed. Aboveground conduit is at 35% installed. Cable installation is at 59% complete. Terminations are 23% complete. Work fronts for terminations are lagging behind cable pulls and should show improvement in September. Energization of the switchyard was achieved in late August. The project is on schedule to achieve transformer energization in September.

The cooling tower construction is ongoing with significant progress made in installing the heat exchangers. The cooling tower subcontractor is releasing work fronts to support installation of raceway, cable and terminations. Subcontractor completed installation of the switchyard in early August. The tank contractor completed interior tank coating for all tanks and is working to complete exterior painting and punchlist items. Work continues on the RWF tie in at the south end of the plant. The 72” concrete pipe is installed to the diverter box. They are on track to complete in September.

Startup is focused on achieving the project energization milestone. In August, the switchyard was successfully tested and energized. The main fire pump was turned over, tested, and run. The DCS system was powered up. The startup team is finalizing system checks on the transformers and finalizing fire protection and instrument air to support backfeed of the Unit 2 transformer.

System turnovers from construction are ongoing with component turnover of the fire tank, fire pumps, transformers, and generator breakers. These component turnovers have allowed startup to begin testing of equipment while construction completes final connections and terminations.

After backfeed of the transformer is achieved, startup will be focused on checked out of the low voltage electrical equipment and the water systems, such as RWF, ZLD, and closed cooling water which will support boiler hydros. Loop checks, motor bumps, and driven equipment runs will being in earnest after the 4160kv switchgear is energized.

Biological, cultural and paleontological monitoring was conducted.

Russell City Energy Center
01-AFC-7C

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 verifying payment during the report period is attached.	AQ-SC4	A copy of the AQCMM report is attached
GEN-6	N/A. No special inspectors approved during the reporting period	AQ-SC5	A copy of the AQCMM report is attached
GEN-7	N/A. There were no non-compliance issues during the reporting period.	AQ-1	N/A. Applicable work not completed during the reporting period
GEN-8	See monthly report provided by the Delegate CBO.	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	A copy of the most recent schedule is attached	AQ-10	N/A. Applicable work not completed during the reporting period
TSE-4	Statement of LORS compliance from the responsible engineer(s) is attached.	WS-3	CSS on site daily and performing on-site safety inspections throughout the month. All issues identified were addressed on the spot. A copy of the CSS report is attached.

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 107 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, STRUC, MECH, ELEC, and TSE.

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.

7. Filings or permits from other agencies

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

8. Projection of compliance activities for September 2012 – October 2012

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

   New Hire Orientation/WEAP Operations Level training records
   Fugitive Dust Monitoring Log
   Tire Inspection Log
   Diesel Engine Inventory Log
   CBO SWPPP Inspection Record
   CRS reports

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

    None received during the reporting period.

CONDITION OF CERTIFICATION
GEN-2

Russell City Energy Center
Monthly Compliance Report #25
August 2012

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

25483-000-G02-GGG-00026-000
GEN2-0004 (REV 24)

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	Reviewer	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
140	CIVIL-1	CIVIL-1 CERRK 0512 (REV0) (120628)	NA	NA	CIVIL-1 Krumpen - Certificate of Compliance May 2012-sign	Certificate of Compliance Reference Document	Civil			6/28/12	RK	GAKG-01430	7/19/12	7/3/12	x	7/3/12	Reviewed for Reference
3337	ELEC-1	ELEC-1 0023 (REV0) (120724)	25483-000-EG-8101-00003	0	Grounding Plan Central Control and Electronics Room	Drawing	Electrical			7/24/12	KC	GAKG-00379	7/31/12	8/13/13	X	8/13/12	CBO Approved
3367	ELEC-1	ELEC-1 CERKC 0712 (REV0) (120807)	N/A	N/A	ELEC-1 Certificate of Compliance for Koushik Chanda July 2012	Certificate of Compliance Reference Document	Electrical			8/7/12	KC	GAKG-01482	8/27/12	8/15/12	X	8/15/12	Approved for Reference
143	ELEC-1	ELEC-1 EL11 (REV0) (120627)	25483-000-A1-7210-00001	0	Cooling Tower Switchgear Building-Plans	Drawing REFERENCE DOCUMENT	Electrical			6/9/12		GAKG-1428	7/18/12	7/18/12	x	7/18/12	Approved for reference
268	ELEC-1	ELEC-1 EL11 (REV0) (120627)	25483-000-EL-0000-00004	1	Overall Lighting Plan	Drawing REFERENCE DOCUMENT	Electrical			6/9/12		GAKG-1428	7/18/12	7/18/12	x	7/18/12	Approved for reference
280	ELEC-1	ELEC-1 EL11 (REV0) (120627)	25483-000-EL-7211-00005	0	Lighting Plan Cooling Tower Switchgear Building and Transformer Area	Drawing REFERENCE DOCUMENT	Electrical			6/9/12		GAKG-1428	7/18/12	7/18/12	x	7/18/12	Approved for reference
287	ELEC-1	ELEC-1 EL11 (REV0) (120627)	25483-000-ELC-EL-00006	0	Lighting Calculation for Cooling Tower Switchgear Building and Transformer Area	Calculation Reference Document	Electrical			6/9/12		GAKG-1428	7/18/12	7/18/12	x	7/18/12	Approved for reference
288	ELEC-1	ELEC-1 EL11 (REV0) (120627)	25483-000-ELC-EL-00007	0	Lighting Energy Calculation for Cooling Tower Switchgear Building	Calculation	Electrical			6/9/12		GAKG-1428	7/18/12	7/18/12	x	7/18/12	Approved
142	ELEC-1	ELEC-1 EL12 (REV0) (120627)	25483-000-A1-3210-00001	0	Cooling Tower Switchgear Building Plans	Drawing REFERENCE DOCUMENT	Electrical			6/9/12		GAKG-1429	7/18/12	7/17/12	X	7/17/12	Approved for reference
269	ELEC-1	ELEC-1 EL12 (REV0) (120627)	25483-000-EL-0000-00004	1	Overall Lighting Plan	Drawing REFERENCE DOCUMENT	Electrical			6/9/12		GAKG-1429	7/18/12	7/17/12	X	7/17/12	Approved for reference
271	ELEC-1	ELEC-1 EL12 (REV0) (120627)	25483-000-EL-3211-00001	0	Lighting Plan Main Switchgear Building and Transformer Area	Drawing REFERENCE DOCUMENT	Electrical			6/9/12		GAKG-1429	7/18/12	7/17/12	X	7/17/12	Approved for reference
283	ELEC-1	ELEC-1 EL12 (REV0) (120627)	25483-000-ELC-EL-00003	0	Lighting Calculation for Main Switchgear Building and Transformer Area	Drawing REFERENCE DOCUMENT	Electrical			6/9/12		GAKG-1429	7/18/12	7/17/12	X	7/17/12	Approved for reference
284	ELEC-1	ELEC-1 EL12 (REV0) (120627)	25483-000-ELC-EL-00004	0	Lighting Energy Calculation for Main Switchgear Building	Calculation	Electrical			6/9/12		GAKG-1429	7/18/12	7/17/12	X	7/17/12	Approved
3378	GEN-4	GEN-4 REM13	25483-000-G70-GCE-00021	0	Redsident Engineers Monthly Report - June 2012	Report Reference Document	civil			8/14/12	RK	GAKG-01492	9/4/12	**8/14/12**	X	**8/14/12**	Approved for Reference
3379	GEN-4	GEN-4 REM13	25483-000-G70-GCE-00022	0	Redsident Engineers Monthly Report - July 2012	Report Reference Document	civil			8/14/12	RK	GAKG-01491	9/4/12	**8/14/12**	X	**8/14/12**	Approved for Reference
3380	GEN-4	GEN-4 REM13	25483-000-G70-GCE-00023	0	Redsident Engineers Monthly Report - August 2012	Report Reference Document	civil			8/14/12	RK	GAKG-01492	9/4/12	**8/14/12**	X	**8/14/12**	Approved for Reference
3171	STRUC-1	STRUC-1 CERZB 0612 (REV0) (120710)	NA	NA	STRUCT-1 Beach - Certificate of Compliance June 2012	Certificate of Compliance Reference Document	Civil			7/10/12	ZB	GAKG-01449	7/31/12	7/11/12	x	7/11/12	Approved for reference
3366	STRUC-1	STRUC-1 CERZB 0712 (REV0) (120807)	NA	NA	STRUCT-1 Beach - Certificate of Compliance July 2012	Certificate of Compliance Reference Document	Civil			8/7/12	ZB	GAKG-01481	8/27/12	8/15/12	X	8/15/12	Approved for Reference

CONDITION OF CERTIFICATION
GEN-3

Russell City Energy Center
Monthly Compliance Report #25
August 2012

Allison Bryan

From: Todd R. Bailey <tbailey@trbplus.com>
Sent: Thursday, September 06, 2012 10:12 AM
To: Allison Bryan
Subject: RE: Russell City Energy Center

Confirming receipt of a payment in August of 2012 for DCBO services

Regards,

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

From: Allison Bryan [mailto:allison.bryan@calpine.com]
Sent: Thursday, September 06, 2012 8:33 AM
To: Todd Bailey
Subject: Russell City Energy Center

Todd,

Would you please confirm that payment for Delegate CBO services was received during the month of August 2012?

Thanks,

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

CONDITION OF CERTIFICATION
STRUC-1

Russell City Energy Center
Monthly Compliance Report #25
August 2012

Russell City Energy Center Project CBO Plan Submittal Package (01-AFC-7C)	**Responsible Engineer:** Zachary Beach **C.O.C. No.:** STRUC-1
Certificate of Compliance for Month of: July 2012	

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.

REVIEWED FOR REFERENCE ONLY

Digitally signed by REVIEWED FOR REFERENCE ONLY
DN: cn=REVIEWED FOR REFERENCE ONLY, o=TRB + Associates, Inc., ou=Delegate CBO, email=websys@trbplus.com, c=US
Date: 2012.08.15 13:24:42 -07'00'

Responsible Engineering Seal, Signature and Date

CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO
STRUC-1 DB7125 (REV2) (120709)	**25483-000-DB-7110-00008**	**4**	**Recycled Water Facility Pipe Supports Foundation Plan and Sections**	**7/9/12**
STRUC-1 DB7115 (REV8) (120711)	**25483-000-DB-7111-00008**	**6**	**Zero Liquid Discharge Area, Sump, Plan, Section & Details**	**7/11/12**
STRUC-1 DB7115 (REV8) (120711)	**25483-000-DBC-7111-00008**	**4**	**ZLD Area Sump**	**7/11/12**
STRUC-1 DB7125 (REV2) (120709)	**25483-000-DBC-9201-00002**	**0**	**Foundation design of Misc pipe support P08**	**7/9/12**
STRUC-1 CERZB 0612 (REV0) (120710)	NA	NA	STRUCT-1 Beach - Certificate of Compliance June 2012	7/10/12
STRUC-1 DB7115 (REV9) (120713)	**25483-000-DB-7111-00008**	**6**	**Zero Liquid Discharge Area, Sump, Plan, Section & Details**	**7/13/12**
STRUC-1 DB7115 (REV9) (120713)	**25483-000-DBC-7111-00008**	**4**	**ZLD Area Sump**	**7/13/12**
STRUC-1 DB7126 (REV1) (120714)	25483-000-DB-7110-00009	1	Recycled Water Facility Chemical Unloading Area Foundation Plan and Details	7/14/12
STRUC-1 DB7126 (REV1) (120714)	25483-000-DB-7111-00015	1	Zero Liquid Discharge Area Chemical Unloading Area Foundation Plan and Details	7/14/12
STRUC-1 DB7126 (REV1) (120714)	25483-000-DBC-7110-00009	0	Design Of Chemical Unloading Slab for H20 Loading	7/14/12
STRUC-1 DB7126 (REV1) (120714)	25483-000-3PS-NX00-00001	5	Technical Specification for Field Applied Coatings	7/14/12
STRUC-1 DB2112 (REV2) (120718)	**25483-003-DB-2110-00012**	**2**	**STG Area, CCW Chemical Feed Tank, Plan Sections & Details**	**7/18/12**

STRUC-1 DB2112 (REV2) (120718)	25483-003-DBC-2110-00012	0	Design of CCW Tank Foundation	7/18/12
STRUC-1 DB1411 (REV4) (120720)	25483-000-DB-1411-00001	2	Combustion Turbine Unit #1 & #2, Area Slab, Concrete Neat Line Plan & Anchor bolt Detail.	7/20/12
STRUC-1 DB1411 (REV4) (120720)	25483-000-DBC-1411-00002	1	Calculation - CTG Area Foundation - Analysis and Design	7/20/12
STRUC-1 DB7124 (REV4) (120724)	25483-000-DB-7110-00008	4	Recycled Water Facility Pipe Supports Foundation Plan and Sections	7/24/12
STRUC-1 DB7124 (REV4) (120724)	25483-000-DB-7111-00014	4	Zero Liquid Discharge Area Pipe Supports Foundation Plan and Sections	7/24/12
STRUC-1 DB7124 (REV4) (120724)	25483-000-DB-7210-00011	2	Cooling Tower Area Pipe Supports Foundation Plan and Sections	7/24/12
STRUC-1 DB7124 (REV4) (120724)	NA	NA	Anchor Bolt Calculation - P03	7/24/12
STRUC-1 DB7124 (REV4) (120724)	NA	NA	Anchor Bolt Calculation - P04	7/24/12
STRUC-1 DB7124 (REV4) (120724)	NA	NA	Anchor Bolt Calculation - P05	7/24/12
STRUC-1 DB7124 (REV4) (120724)	NA	NA	Anchor Bolt Calculation - P07	7/24/12
STRUC-1 DB7124 (REV4) (120724)	NA	NA	Anchor Bolt Calculation - P12	7/24/12
STRUC-1 DB7124 (REV4) (120724)	NA	NA	Envelope Check for Misc. Pipe Support Anchor Bolt Edge Distance	7/24/12
STRUC-1 DB9203 (REV4) (120727)	25483-000-DB-1111-00005	2	HRSG Area Pipe Support and Misc Foundation plan	7/27/12
STRUC-1 DB9203 (REV4) (120727)	25483-000-DB-3311-00001	3	Transformer Area Pipe Support Foundation plan and Sections	7/27/12
STRUC-1 DB9203 (REV4) (120727)	25483-000-DB-7611-00002	3	DM Tank Area, Pipe Support Foundation Plan and Section	7/27/12

STRUC-1 DB9203 (REV4) (120727)	**25483-000-DB-7611-00003**	**2**	**Fire Water Tank Area, Pipe Support Foundation Plan and Section**	**7/27/12**
STRUC-1 DB9203 (REV4) (120727)	**25483-000-DBC-7611-00003**	**1**	**Miscellaneous Pipe Support Foundation with Wire Mesh**	**7/27/12**
STRUC-1 DB9203 (REV4) (120727)	**25483-000-DBC-9201-00001**	**1**	**Foundation Design of Misc Pipe Support**	**7/27/12**
STRUC-1 DB7603 (REV3) (120714)	25483-000-DBC-7610-00005	2	Design of ring beam foundation for Demin tank	7/14/12

Russell City Energy Center Project CBO Plan Submittal Package (01-AFC-7C)	**Responsible Engineer:** Ben Riehl **C.O.C. No.:** STRUC-1
Certificate of Compliance for Month of: July 2012	

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.

REVIEWED FOR REFERENCE ONLY

Digitally signed by REVIEWED FOR REFERENCE ONLY
DN: cn=REVIEWED FOR REFERENCE ONLY, o=TRB + Associates, Inc., ou=Delegate CBO, email=websys@trbplus.com, c=US
Date: 2012.08.15 13:22:55 -07'00'

REGISTERED PROFESSIONAL ENGINEER
BEN J. RIEHL
C35857
EXP. 9/30/
8-6-12
CIVIL
STATE OF CALIFORNIA

BEN J. RIEHL, PE

Digitally signed by BEN J. RIEHL, PE
DN: cn=BEN J. RIEHL, PE, o=CRA, ou=ENGINEER, email=BENRIEHL@IMT.NET, c=US
Date: 2012.08.06 15:46:29 -06'00'

Responsible Engineering Seal, Signature and Date

CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO
STRUC-1 AG10 (REV1) (120731)	25483-000-G27-GEGA-00105	0	Structural Calculations for Electrical Equipment Seismic Anchorage	7/31/12
STRUC-1 CERAGATE 0312-0612 (Rev0) (120710)	NA	NA	Riehl, Ben STRUC-1 Certificate of Compliance March 2012	7/10/12
STRUC-1 CERAGATE 0312-0612 (Rev0) (120710)	NA	NA	Riehl, Ben STUC-1 Certificate of Compliance - June 2012	7/10/12

CONDITION OF CERTIFICATION
ELEC-1

Russell City Energy Center
Monthly Compliance Report #25
August 2012

Russell City Energy Center Project CBO Plan Submittal Package (01-AFC-7C)	**Responsible Engineer:** Koushik Chanda **C.O.C. No.:** ELEC-1
Certificate of Compliance for Month of: July 2012	

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, ou=Bechtel Power Corporation, email=kchanda@bechtel.com, c=US
Date: 2012.08.07 06:20:21 -04'00'

Responsible Engineering Seal, Signature and Date

REVIEWED FOR REFERENCE ONLY

Digitally signed by REVIEWED FOR REFERENCE ONLY
DN: cn=REVIEWED FOR REFERENCE ONLY, o=TRB + Associates, Inc., ou=Delegate CBO, email=websys@trbplus.com, c=US
Date: 2012.08.15 13:20:39 -07'00'

CBO Reference Number	Document Number	Rev	Document Title	Actual to CBO
ELEC-1 E401 (REV3) (120704)	25483-000-E4-3211-00001	1	Electrical Equipment Location Main Switchgear Building	7/4/12
ELEC-1 E401 (REV3) (120704)	25483-000-E4-7111-00001	2	Electrical Equipment Location Recycled water Facility (RWF) Power Distribution Center	7/4/12
ELEC-1 E401 (REV3) (120704)	25483-000-E4-7111-00002	2	Electrical Equipment Location Zero Liquid Discharge (ZLD) Power Distribution Center	7/4/12
ELEC-1 E401 (REV3) (120704)	25483-000-E4-7211-00001	1	Electrical Equipment Location Cooling Tower Switchgear Building	7/4/12
ELEC-1 E401 (REV3) (120704)	25483-001-E4-1111-00001	2	Electrical Equipment Location Unit 1 HRSG Power Distrbution Center	7/4/12
ELEC-1 E401 (REV3) (120704)	25483-002-E4-1111-00001	2	Electrical Equipment Location Unit 2 HRSG Power Distrbution Center	7/4/12
ELEC-1 E401 (REV3) (120704)	25483-003-E4-2111-00001	1	Electrical Equipment Location Steam Turbine Power Distribution Center	7/4/12
ELEC-1 0008 (REV2) (120719)	25483-000-E1-EK-00001	2	SINGLE LINE METER & RELAY DIAGRAM 480V COMMON AREA LOAD CENTER BUS A and B - 0-EK-EKL-001A AND 0-EK-EKL-001B	7/19/12
ELEC-1 0008 (REV2) (120719)	25483-000-E1-EK-00002	2	SINGLE LINE METER & RELAY DIAGRAM 480V COOLING TOWER-ZLD LOAD CENTER BUS A and B - 0-EK-EKL-002A and 0-EK-EKL-002B	7/19/12
ELEC-1 0008 (REV2) (120719)	25483-000-E1-EK-00003	2	SINGLE LINE METER & RELAY DIAGRAM 480V COOLING TOWER LOAD CENTER BUS A and B 0-EK-EKL-003A and 0-EK-EKL-003B	7/19/12
ELEC-1 0008 (REV2) (120719)	25483-001-E1-EK-00001	2	SINGLE LINE METER & RELAY DIAGRAM 480V CTG-HRSG-1 LOAD CENTER BUS A and B - 1-EK-EKL-001A and 1-EK-EKL-001B	7/19/12

ELEC-1 0008 (REV2) (120719)	**25483-002-E1-EK-00001**	**2**	**SINGLE LINE METER & RELAY DIAGRAM 480V CTG-HRSG-2 LOAD CENTER BUS A and B - 2-EK-EKL-001A and 2-EK-EKL-001B**	**7/19/12**
ELEC-1 0008 (REV2) (120719)	**25483-003-E1-EK-00001**	**2**	**SINGLE LINE METER & RELAY DIAGRAM 480V STEAM TURBINE LOAD CENTER BUS A and B - 3-EK-EKL-001A and 3-EK-EKL-001B**	**7/19/12**
ELEC-1 0009 (REV1) (120719)	**25483-000-E1-ES-00001**	**2**	**SINGLE LINE & RELAY DIAGRAM 4160V SWITCHGEAR - MCC NO 1 BUS A - 0-ES-ESM-001A**	**7/19/12**
ELEC-1 0009 (REV1) (120719)	**25483-000-E1-ES-00002**	**2**	**SINGLE LINE METER & RELAY DIAGRAM 4160V SWITCHGEAR - MCC NO 1 BUS B - 0-ES-ESM-001B**	**7/19/12**
ELEC-1 0009 (REV1) (120719)	**25483-000-E1-ES-00003**	**2**	**SINGLE LINE METER & RELAY DIAGRAM 4160V SWITCHGEAR - MCC NO 2 BUS A - 0-ES-ESM-002A**	**7/19/12**
ELEC-1 0009 (REV1) (120719)	**25483-000-E1-ES-00004**	**2**	**SINGLE LINE METER & RELAY DIAGRAM 4160V SWITCHGEAR - MCC NO 2 BUS B - 0-ES-ESM-002B**	**7/19/12**
ELEC-1 0010 (REV3) (120719)	**25483-001-E1-EY-00001**	**3**	**SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT**	**7/19/12**
ELEC-1 0010 (REV3) (120719)	**25483-002-E1-EY-00001**	**3**	**SINGLE LINE METER AND RELAY DIAGRAM CTG-1 GENERATOR, GSUT, AND UAT**	**7/19/12**
ELEC-1 0012 (REV3) (120719)	**25483-003-E1-EY-00001**	**3**	**Single Line Meter and Relay Diagram STG Generator and GSU Transformer**	**7/19/12**
ELEC-1 E101 (REV1) (120719)	25483-000-E1-ED-00001	2	Single Line Meter and Relay Diagram 125V DC and 120V AC UPS	7/19/12
ELEC-1 0023 (REV0) (120724)	25483-000-EG-8101-00003	0	Grounding Plan Central Control and Electronics Room	7/24/12

CONDITION OF CERTIFICATION
AQ-SC3 and AQ-SC4

Russell City Energy Center
Monthly Compliance Report #25
August 2012

RCEC PROJECT

STREET SWEEPER

ATTACHMENT A _ FUGITIVE DUST LOG

Condition of Certification AQ-SC3 & AQ-SC4

	MONTH:	August	YEAR:	2012		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:
Wednesday	1	: AM/PM	55°		7.			SS		JR	Sunny
Thursday	2	: AM/PM	54°		7.3			SS		JR	Sunny
Friday	3	: AM/PM	56°		6.9			SS		JR	Sunny
Saturday	4	: AM/PM	56°		7.8			-			
Sunday	5	: AM/PM	58°		9.5			-			
Monday	6	: AM/PM	57°		6.8			SS		JR	Sunny
Tuesday	7	: AM/PM	56°		6.7			SS		JR	Sunny
Wednesday	8	: AM/PM	55°		5.0			SS		JR	Sunny
Thursday	9	: AM/PM	55°		5.3			SS		JR	Sunny
Friday	10	: AM/PM	54°		6.1			SS		JR	Sunny
Saturday	11	: AM/PM	53°		5.7						
Sunday	12	: AM/PM	55°		7.6						
Monday	13	: AM/PM	56°		6.2			SS		JR	Sunny
Tuesday	14	: AM/PM	57°		8.0			SS		JR	Sunny

	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:
Wednesday	15	: AM/PM	58°		9.2		SS	SS		JL	Sunny
Thursday	16	: AM/PM	57°		7.4			SS		JL	Sunny
Friday	17	: AM/PM	57°		4.7			SS		JL	Sunny
Saturday	18	: AM/PM	57°		5.5						
Sunday	19	: AM/PM	55°		6.8						
Monday	20	: AM/PM	55°		6.7			SS		JS	Sunny
Tuesday	21	: AM/PM	55°		6.6			SS		JL	Sunny
Wednesday	22	: AM/PM	57°		7.1			SS		JL	Sunny
Thursday	23	: AM/PM	54°		5.8			SS		JL	Sunny
Friday	24	: AM/PM	54°		6.8			SS		JL	Sunny
Saturday	25	: AM/PM	54		8.9			—			
Sunday	26	: AM/PM	56°		10.4			—			
Monday	27	: AM/PM	57°		5.4			SS		JL	Sunny
Tuesday	28	: AM/PM	54		6.2			SS		JL	Sunny
Wednesday	29	: AM/PM	53°		5.2			SS		JL	Sunny
Thursday	30	: AM/PM	54°					SS		JL	Sunny

Wagon, SS Street Sweeper

Data : Rain - 0 WIND: 6.9 TEMPERATURE - 55.9° SUPERVISOR REVIEW JB Return sheet to CEL

RCEC PROJECT

ATTACHMENT A _ FUGITIVE DUST LOG

Condition of Certification AQ-SC3 & AQ-SC4

BECHTEL WATER TRUCK

	MONTH:	August	YEAR:	2012		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:
Wednesday	1	7 :00 AM/PM	57°	0	6	Y	Y	YES	WW	M.C	M. overcast
Thursday	2	7 :00 AM/PM	54°	.	7.3	.	.	YES	YES	M.C	overcast
Friday	3	7 :00 AM/PM	56°	.	6.9	.	.	YES	YES	M.C	overcast
Saturday	4	: AM/PM	56°		7.8						
Sunday	5	: AM/PM	50°		0.5						
Monday	6	7 :00 AM/PM	57°	.	6.8	.	.	YES	YES	M.C	overcast
Tuesday	7	7 :00 AM/PM	56°	.	6.7	.	.	YES	YES	M.C	SUNNY
Wednesday	8	7 :00 AM/PM	55°	.	5.0	.	.	YES	YES	M.C	SUNNY
Thursday	9	7 :00 AM/PM	55°	.	5.3	.	.	YES	YES	M.C	SUNNY
Friday	10	7 :00 AM/PM	54°	.	6.1	.	.	YES	YES	M.C	SUNNY
Saturday	11	7 :00 AM/PM	53°	.	5.7	.	.	YES	YES	M.C	overcast
Sunday	12	: AM/PM	55°		7.0						
Monday	13	7 :00 AM/PM	56°	.	6.2	.	.	YES	YES	M.C	overcast
Tuesday	14	7 :00 AM/PM	57°	.	8.0	.	.	YES	YES	M.C	overcast

	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:
Wednesday	15	7 :00 AM/PM	58°	.	9.2	.	-	YES	YES	M.L	OVERCAST
Thursday	16	7 :00 AM/PM	57°	.	7.4	.	,	YES	YES	M.L	OVERCAST
Friday	17	7 :00 AM/PM	57°	-	4.7	.	.	YES	YES	M.L	OVERCAST
Saturday	18	7 :00 AM/PM	57°	.	5.5	-	-	YES	YES	M.L	OVERCAST
Sunday	19	: AM/PM	55°		6.8						
Monday	20	7 :00 AM/PM	55°	.	6.7	.	.	YES	YES	M.L	SUNNY
Tuesday	21	7 :00 AM/PM	55°	-	6.6	.	.	YES	YES	M.L	SUNNY
Wednesday	22	7 :00 AM/PM	57°	.	7.1	.	.	YES	YES	M.L	SUNNY
Thursday	23	7 :00 AM/PM	54°	.	5.8	-	.	YES	YES	M.L	SUNNY
Friday	24	7 :00 AM/PM	54°	.	6.8	-	-	YES	YES	M.L	SUNNY
Saturday	25	: AM/PM	54°		8.9						
Sunday	26	: AM/PM	56°		10.4						
Monday	27	7 :00 AM/PM	57°	.	5.4	-	-	YES	YES	M.L	SUNNY
Tuesday	28	7 :00 AM/PM	59°	.	6.2	.	.	YES	YES	M.L	SUNNY
Wednesday	29	7 :00 AM/PM	58°	.	5.2	.	.	YES	YES	M.L	SUNNY
Thursday	30	: AM/PM	54°		—						

1. WW - Water Wagon, SS Street Sweeper

Source of Weather Data : Rain - ~~20~~ WIND; 6.0 TEMPERATURE - 55.9° SUPERVISOR REVIEW GB Return sheet to CEL

RCEC PROJECT

8-2-12

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8/2	6:40	AM	Golden Gate P	YES	NO	J. S
8/2	6:52	AM	MAXIM	YES	NO	J. S
8/2	7:24	AM	GRAVER T	YES	NO	J. S
8/2	7:41	AM	BETA	YES	NO	J. S
8/2	7:49	AM	CHANNEL LUMBER	YES	NO	J. S
8/2	7:52	AM	Mobil Mini	YES	NO	J. S
8/2	7:52	AM	CONTI	YES	NO	J. S
8/2	8:32	AM	Central CON	YES	NO	J. S
8/2	9:38	AM	GraybaR	YES	NO	J. S
8/2	9:48	AM	BRAND Eng	YES	NO	J. S
8/2	10:29	AM	W. Mng	YES	NO	J. S
8/2	10:51	AM	BRAND Eng	YES	NO	J. S
8/2	11:22	AM	SPIG	YES	NO	J. S
8/2	11:31	AM	Hertz E-R	YES	NO	J. S
8/2	11:40	AM	Central CON	YES	NO	J. S
8/2	11:43	AM	Central CON	YES	NO	J. S
8/2	11:45	AM	W. Mng	YES	NO	J. S
8/2	11:55	AM	BHJ Bay Bolt	YES	NO	J. S
8/2	12:02	PM	NEWTRON	YES	NO	J. S
8/2	12:55	PM	W. Mng	YES	NO	J. S
8/2	13:01	PM	Ayala Trucking	YES	NO	J. S
8/2	13:05	PM	BETA Eng	YES	NO	J. S
8/2	13:27	PM	United Rental	YES	NO	J. S
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments : -

8-2-12

RCEC PROJECT

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 2	14 : 02	AM / PM (PM circled)	BRAND Eng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

RCEC PROJECT

8-6-12

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 6	6 : 50	(AM) / PM	Golden Gate P	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	6 : 56	(AM) / PM	W. Mag	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	7 : 51	(AM) / PM	Point ONE	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	8 : 11	(AM) / PM	Glover Tank	YES ☑ NO ☐	YES ☐ NO ☑	J S
8 / 6	8 : 29	(AM) / PM	BIT A	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	9 : 11	(AM) / PM	W. Mag	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	9 : 29	(AM) / PM	AGATE	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	10 : 09	(AM) / PM	Office Depot	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	10 : 10	(AM) / PM	W. Mag	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	10 : 20	(AM) / PM	BRAND	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	11 : 14	(AM) / PM	Com Rent West	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	11 : 25	(AM) / PM	BITA Ins	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	11 : 42	(AM) / PM	HANSON F	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 6	12 00	AM / (PM)	Point ONE	YES ☑ NO ☐	YES ☐ NO ☑	J. S
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

RCEC PROJECT

(8-7-12)

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8/17	6:59	AM	Golden Gate P	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	6:59	AM	Southern Contay L	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	7:11	AM	BETA	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	7:29	AM	GRAVER TANK	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	7:56	AM	SIMENS	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	8:22	AM	NEWTRON	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	8:25	AM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	9:22	AM	BHS Bay City Bolt	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	10:11	AM	Alameda Elec	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	10:13	AM	Hayward Pipe	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	10:21	AM	NEWTRON	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	10:25	AM	BRAND Ing	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	11:43	AM	Point out	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	11:46	AM	GEXPRO	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	12:02	PM	NEWTRON	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	12:06	PM	NEWTRON	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8/17	2:02	PM	Ice Co	YES ☑ NO ☐	YES ☐ NO ☑	T-D
8/17	3:30	PM	Air Gas	YES ☑ NO ☐	YES ☐ NO ☑	T-D
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

BECHTEL

8/8/12

RCEC PROJECT

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 18	6 : 03	AM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	6 : 56	AM	Agate	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	7 : 40	AM	Alhambra W	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	9 : 23	AM	Poit One	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	9 : 45	AM	W. Mag	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	10 : 34	AM	Con Way F	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	10 : 45	AM	W. Mag	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	10 : 48	AM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	10 : 51	AM	CST	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	11 : 54	AM	W. Mag	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	11 : 56	AM	Point ONE	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	11 : 59	AM	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	12 : 01	PM	Signet	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 01	PM	W. Mag	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 02	PM	Southern Contrs	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 05	PM	Norcal Heating - C	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 11	PM	Techno Coating	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 11	PM	Penski Truck R	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 18	PM	Central Con	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 22	PM	W. Mag	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 33	PM	SPIE	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	13 : 41	PM	Sun State	YES ☑ NO ☐	YES ☐ NO ☑	L. S
8 / 18	2 : 04	PM	Delta Sandblasting Co.	YES ☑ NO ☐	YES ☐ NO ☑	T.D
8 / 18	2 : 15	PM	Waste King	YES ☑ NO ☐	YES ☐ NO ☑	T.D
8 / 18	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

RCEC PROJECT

(8-9-12)

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August **Year:** 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 9	6 : 40	(AM) / PM	Point ONE	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	7 : 31	(AM) / PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	7 : 36	(AM) / PM	Bigge	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	8 : 32	(AM) / PM	Dexplo	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	8 : 36	(AM) / PM	Channel L	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	8 : 46	(AM) / PM	Lefco Inc	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	8 : 50	(AM) / PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	9 : 22	(AM) / PM	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	10 : 04	(AM) / PM	Albany Steel	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	10 : 39	(AM) / PM	CST	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	11 : 04	(AM) / PM	Howe Elec	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	11 : 36	(AM) / PM	Point ONE	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	11 : 40	(AM) / PM	Expert Drywll Co	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	11 : 53	(AM) / PM	Simens	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	12 : 38	AM / (PM)	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	12 : 52	AM / (PM)	OEC	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 9	2 : 21	AM / (PM)	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	T.D
8 / 9	2 : 24	AM / (PM)	Waste Mng	YES ☐ NO ☑	YES ☑ NO ☐	T.D
8 / 9	2 : 54	AM / (PM)	SC Fuel	YES ☐ NO ☑	YES ☑ NO ☐	T.D
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

8/10/12

RCEC PROJECT

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: **Year:**

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8/10	12:08	AM / PM (circled)	Central	YES ☑ NO ☐	YES ☑ NO ☐	J.B.
8/12	12:18	AM / PM (circled)	Central	YES ☑ NO ☐	YES ☐ NO ☑	J.B.
8/10	2:30	AM / PM (circled)	Reliable truck	YES ☑ NO ☐	YES ☐ NO ☑	T-D
8/10	2:51	AM / PM (circled)	Central	YES ☐ NO ☑	YES ☑ NO ☐	T-D
8/10	2:55	AM / PM (circled)	Ice Co	YES ☐ NO ☑	YES ☑ NO ☐	T-D
8/10	3:30	AM / PM (circled)	CFT	YES ☑ NO ☐	YES ☐ NO ☑	T-D
8/10	3:36	AM / PM (circled)	Waste Mng	YES ☑ NO ☐	YES ☐ NO ☑	T-D
8/10	3:40	AM / PM (circled)	Central	YES ☐ NO ☑	YES ☑ NO ☐	T-D
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

BECHTEL

RCEC PROJECT

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August **Year:** 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 13	8 :32	(AM) / PM	Waste Mng	YES ☐ NO ☑	YES ☑ NO ☐	T-D
8 / 13	9 :53	(AM) / PM	Waste Mng	YES ☐ NO ☑	YES ☑ NO ☐	T-D
8 / 13	11 :15	(AM) / PM	Waste Mng	YES ☐ NO ☑	YES ☑ NO ☐	T-D
8 / 13	12 :02	AM / (PM)	Alhambra	YES ☑ NO ☐	YES ☐ NO ☑	J.B.
8 / 13	12 :18	AM / (PM)	Sc fuel	YES ☑ NO ☐	YES ☐ NO ☑	J.B.
8 / 13	12 :22	AM / (PM)	Wst Mgmt	YES ☑ NO ☐	YES ☐ NO ☑	J.B.
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

BECHTEL

RCEC PROJECT

8-15-12

FUGITIVE DUST TIRE INSPECTION LOG

Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 15	7 : 13	AM	Simens	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	7 : 16	AM	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	7 : 22	AM	Hertz E-R	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	8 : 28	AM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	9 : 01	AM	Alhambra W	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	10 : 30	AM	Southern C. L	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	11 : 00	AM	Cosco Fire P	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	11 : 02	AM	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	12 : 01	PM	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	12 : 54	PM	SIGNET	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	12 : 56	PM	Agate	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 15	13 : 40	PM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	A. S
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

BECHTEL

RCEC PROJECT

(8-16-12)

FUGITIVE DUST TIRE INSPECTION LOG

Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 16	6 : 40	(AM) / PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	6 : 47	(AM) / PM	Gold Gate Petroleum	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	6 : 51	(AM) / PM	Pipe Fitting Truck	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	7 : 45	(AM) / PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	8 : 46	(AM) / PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	10 : 08	(AM) / PM	Alhambra W	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	10 : 08	(AM) / PM	Sun State E-R	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	10 : 20	(AM) / PM	Airgas	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	10 : 28	(AM) / PM	CSF	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	10 : 39	(AM) / PM	Southern C. Focus	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	10 : 43	(AM) / PM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	11 : 00	(AM) / PM	Waste Mng.	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	11 : 02	(AM) / PM	Simens	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	11 : 41	(AM) / PM	Hanson & F	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	12 : 00	AM / (PM)	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	12 : 13	AM / (PM)	Wst Mgmnt	YES ☑ NO ☐	YES ☐ NO ☑	JB
8 / 16	12 : 22	AM / (PM)	SPIG	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	12 : 31	AM / (PM)	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 16	13 : 13	AM / (PM)	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

BECHTEL

RCEC PROJECT

8-17-12

FUGITIVE DUST TIRE INSPECTION LOG

Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 17	7 : 46	(AM) / PM	Alhambra W	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	8 : 01	(AM) / PM	SIMENS	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	8 : 25	(AM) / PM	Hertz E-R	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	8 : 34	(AM) / PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	9 : 40	(AM) / PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	10 : 50	(AM) / PM	West Side Concrete	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	11 : 13	(AM) / PM	HAWSON # F	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	12 : 04	AM / (PM)	SPIG	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	12 : 22	AM / (PM)	AGATE	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8 / 17	2 : 35	AM / (PM)	SC Fuel	YES ☐ NO ☑	YES ☑ NO ☐	T. D
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

RCEC PROJECT

8/20/12

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 20	7 : 48	AM (circled) / PM	New Tron	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	7 : 54	AM (circled) / PM	Maxim	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	8 : 19	AM (circled) / PM	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	8 : 42	AM (circled) / PM	Bechtel's mechanic	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	9 : 56	AM (circled) / PM	New Tron	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	10 : 06	AM (circled) / PM	Alhambra	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	10 : 50	AM (circled) / PM	Hanson & F	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	10 : 52	AM (circled) / PM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	11 : 28	AM (circled) / PM	All Star Tile	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	11 : 33	AM (circled) / PM	Techno Coating	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	11 : 39	AM (circled) / PM	Gerpio	YES ☑ NO ☐	YES ☐ NO ☑	A. S
8 / 20	11 : 47	AM (circled) / PM	Agate	YES ☑ NO ☐	YES ☐ NO ☑	A. S
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

BECHTEL

RCEC PROJECT

8/21/12

FUGITIVE DUST TIRE INSPECTION LOG

Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 21	7 : 50	(AM) / PM	Bechetel T	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	8 : 11	(AM) / PM	BRAWD Eng	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	10 : 44	(AM) / PM	Hanson & F	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	11 : 01	(AM) / PM	Cosco Fire P	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	11 : 04	(AM) / PM	CST	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	11 : 11	(AM) / PM	MAXIM CRANE 1	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	11 : 11	(AM) / PM	MAXIM CRANE 2	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	13 : 05	AM / (PM)	Channel Lumber	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	13 : 18	AM / (PM)	Southern Lubricants	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	13 : 40	AM / (PM)	San Jose Ice Co	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	13 : 50	AM / (PM)	CF&T	YES ☑ NO ☐	YES ☐ NO ☑	J.S
8 / 21	2 : 2A	AM / (PM)	Kleen Blast	YES ☐ NO ☑	YES ☑ NO ☐	T.D
8 / 21	3 : 06	AM / (PM)	Grifall	YES ☑ NO ☐	YES ☐ NO ☑	T.D
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

RCEC PROJECT

8-22-12

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8 / 22	6 : 58	AM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	7 : 22	AM	Agate	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	7 : 59	AM	Cosco Fire P	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	9 : 04	AM	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	9 : 45	AM	Alhambra Water	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	11 : 07	AM	Nelson M. walking	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	11 : 07	AM	S C. Lubricants	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	11 : 29	AM	Brand Eng	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	11 : 35	AM	Newtron	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	11 : 42	AM	CST	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
8 / 22	11 : 50	AM	Hanson & F	YES ☑ NO ☐	YES ☐ NO ☑	[illegible]
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

RCEC PROJECT

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8/24	7:29	AM	ORKIN	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	8:05	AM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	8:09	AM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	8:55	AM	LEFCO	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	8:57	AM	Gexpro	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	9:35	AM	H Pipe Supply	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	9:46	AM	Alhambra W	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	11:20	AM	Graw Tank	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	11:26	AM	HANSON & F	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	11:29	AM	Cosco Fire P	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	11:36	AM	DANILOS TEC	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/24	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
8/24	12:09	PM	Centrau	YES ☑ NO ☐	YES ☐ NO ☑	J.B.
8/24	12:48	PM	Centrus	YES ☑ NO ☐	YES ☐ NO ☑	J.B.
8/24	13:22	PM	Cosco F. Protection	YES ☑ NO ☐	YES ☐ NO ☑	J. S
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

8-28-12

RCEC PROJECT

FUGITIVE DUST TIRE INSPECTION LOG

Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8/28	7:34	AM	AGATE	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	8:32	AM	WEST SIDE	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	8:53	AM	PENHALL COM	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	9:11	AM	BRAND Eng	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	9:48	AM	S. C. FUELS	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	10:06	AM	LEFCO INC	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	10:59	AM	Alhambra water	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	10:59	AM	CONTI	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	11:00	AM	HANSON & F	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	11:11	AM	SPIG	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	11:14	AM	SIMENS	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	11:40	AM	S Jose ICE CO	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	11:49	AM	United Rental	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	11:52	AM	AGATE	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	12:03	PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	13:06	PM	Goodall TRACKING	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	13:06	PM	LEFCO INC	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	13:13	PM	CONTI	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/	13:16	PM	Goodall Tic #2	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	13:38	PM	Goodall Tic #5	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	13:46	PM	W. Mng	YES ☑ NO ☐	YES ☐ NO ☑	J. S
8/28	3:59	PM	Central	YES ☐ NO ☑	YES ☑ NO ☐	T.D
8/28	4:42	PM	W. Mng	YES ☐ NO ☑	YES ☑ NO ☐	T.D
8/28	4:44	PM	Central	YES ☑ NO ☐	YES ☐ NO ☑	T.D
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

BECHTEL

RCEC PROJECT

8/29/12

FUGITIVE DUST TIRE INSPECTION LOG
Conditions of Certification AQ-5SC3 (d.)

Month: August Year: 2012

Date	Time	AM / PM	Construction Equipment Vehicle	Tires Check	Action Needed	Security Guard Initials
8/29	6:40	AM	S.C. Lubricant	YES	NO	I.S
8/29	8:15	AM	Brand Eng	YES	NO	I.S
8/29	8:56	AM	Herte E-R	YES	NO	I.S
8/29	9:38	AM	West Mag	YES	NO	I.S
8/29	9:45	AM	Columbia SC	YES	NO	I.S
8/29	10:00	AM	SPIG	YES	NO	I.S
8/29	10:37	AM	Gexpro	YES	NO	I.S
8/29	10:55	AM	W. Mag	YES	NO	I.S
8/29	11:41	AM	Goodall Tec	YES	NO	I.S
8/29	11:44	AM	Agate Co	YES	NO	I.S
8/29	11:44	AM	W. Mag	YES	NO	I.S
8/29	11:56	AM	W. Mag	YES	NO	I.S
8/29	12:01	PM	W. Mag 241	YES	NO	I.S
8/29	12:04	PM	Mistras Group	YES	NO	I.S
8/29	12:15	PM	Brand Eng	YES	NO	I.S
8/29	12:53	PM	Simens	YES	NO	I.S
8/29	13:00	PM	Goodall	YES	NO	B
8/29	13:15	PM	Took 2	YES	NO	B
8/29	3:00	PM	Total transport	NO	YES	T.D
8/29	3:07	PM	GK team wear	NO	YES	T.D
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	
/	:	AM / PM		YES ☐ NO ☐	YES ☐ NO ☐	

Comments :

CONDITION OF CERTIFICATION
AQ-SC5

Russell City Energy Center
Monthly Compliance Report #25
August 2012

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
DM9X79	Crane	TEREX	RT335	2003 ENGINE /MODEL YR 2005	155	X			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	
WE3D43	Crane	LINK-BELT	RTC-8090ii	2009 ENGINE /MODEL YR 2008	225	X			4/12/2011	
XS7K45	Rubber Tired Loaders	CATERPILLAR	IT38H	2008 ENGINE /MODEL YR 2008	197	X			4/12/2011	
DV4L85	Crane	GROVE	RT530E	2007 ENGINE /MODEL YR 1969	160	X			5/13/2011	
NU6M64	Aerial_Lifts /45 FT	GENIE	Z60/34/z45	2006 ENGINE /MODEL YR 2006	50	NA			6/20/2011	
BY8A78	CRANE	LINK-BELT	RTC-8065_II	2007 ENGINE /MODEL YR 2008	225	X			8/31/2011	
NU6M64	MANLIFT /66 FT ARTIC.	GENIE	Z60/34	2006 ENGINE /MODEL YR 2006	50	NA			9/20/2011	
TW6A87	CRANE	MANTOWOC	888	2011 ENGINE /MODEL YR 1999	360	x			9/28/2011	
WW3N83	Forklifts	SKY_TRAK	10054-cab	2011 ENGINE /MODEL YR 2011	110	X			10/4/2011	
PV5G33	Tractors/Loaders/Backhoes	DEERE	210LJ	2010 ENGINE /MODEL YR 2010	84.5	NA			10/10/2011	
VP3U66	Forklifts	SKY_TRAK	10054-cab	2006 ENGINE /MODEL YR 2006	110	X			10/17/2011	
YD5B55	Aerial_Lifts	GENIE	s-125	2008 ENGINE /MODEL YR 2008	78	NA			10/24/2011	8/7/2012
WG4J68	Aerial_Lifts	GENIE	s-125	2008 ENGINE /MODEL YR 2008	74	NA			10/24/2011	
JY5E87	CRANE	LINK-BELT	LS218HII	2000 ENGINE /MODEL YR 2000	263	X			10/27/2011	

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	> 100 HP COMPLIANCE WITH ARB TIER 1	> 100 HP COMPLIANCE WITH ARB TIER 0	DATE ARRIVED ON SITE	DATE REMOVED FROM SITE
LC5T65	Aerial_Lifts	GENIE	s-125	2011 ENGINE /MODEL YR 2011	73.7	NA			11/9/2011	
AC8T54	ROLLER	BOMAG	BW145D-40	2011 ENGINE /MODEL YR 2011	73	NA			11/10/2011	
UB4S45	Aerial_Lifts/ 19 FT SISSR	GENIE	s-125	2011 ENGINE /MODEL YR 2011	73.7	NA			11/10/2011	8/22/2012
PC5Y37	LOADER	CASE	570MXT	2011 ENGINE /MODEL YR 2011	85	NA			11/16/2011	
MM6K93	Aerial_Lifts/125 FT	GENIE	s-125	2008 ENGINE /MODEL YR 2008	74	NA			12/5/2011	
SR5C48	Aerial_Lifts	GENIE	s-125	2008 ENGINE /MODEL YR 2008	74	NA			12/5/2011	8/7/2012
RG6D88	Forklifts	HYSTER	H360HD	2005 ENGINE /MODEL YR 2005	155	X			12/5/2011	
JG6H76	crane	TEREX	RT775	2004 ENGINE /MODEL YR 2005	275	X			12/29/2011	
AT3N98	CRANE	LINK-BELT	218HSL	2008 ENGINE /MODEL YR 2008	248	X			1/26/2012	
GV9J86	Aerial_Lifts	GENIE	GTH 1056	2012 ENGINE /MODEL YR 2011	123	X			2/2/2012	
AD3H59	Aerial_Lifts	GENIE	GTH 1056	2012 ENGINE /MODEL YR 2011	123	X			2/2/2012	
FU5D83	Forklifts	JLG/SKYTRAK	G12-55A	2010 ENGINE /MODEL YR 2010	131	x			4/2/2012	
UG8N95	Tractors/Loaders/Backhoes	CASE	570MXT	2011 ENGINE /MODEL YR 2011	NA	X			4/5/2012	
NX9S83	Aerial_Lifts/135 FT	GENIE	Z-135/70	2008 ENGINE /MODEL YR 2008	74	NA			4/12/2012	
WV4P64	Aerial_Lifts/135 FT	GENIE	Z135	2012 ENGINE /MODEL YR 2011	74	NA			4/16/2012	
BJ7S89	Excavators	TAKEUCHI	TB153FR	2011 ENGINE /MODEL YR 2011	40	NA			4/20/2012	
XU8F69	Cranes	AMERICAN	HC165	2004 ENGINE /MODEL YR 2005	300	X			4/24/2012	
WB9M46	Cranes	TEREX	RT780	2005 ENGINE /MODEL YR 2006	275	X			4/24/2012	
HF3J98	Cranes	BRODERSON	IC_200-3F	2007 ENGINE /MODEL YR 2007	99	NA			4/26/2012	
NR3S87	Aerial_Lifts	GENIE	GTH 1056	2012 ENGINE /MODEL YR 2011	123	X			4/26/2012	
EE4X98	GRADER	CATERPILLER	120H	2005 ENGINE /MODEL YR 2006	140	X			5/1/2012	
GY3H86	Aerial_Lifts	JLG/SKYTRAK	G10-55A	2012 ENGINE /MODEL YR 2011	130	X			5/4/2012	
LR7N36	Aerial_Lifts	GENIE	S40	2008 ENGINE /MODEL YR 2008	48	NA			6/4/2012	8/22/2012
GL6S96	Aerial_Lifts	SKY_TRAK	SJ40T	2008 ENGINE /MODEL YR 2007	49	NA			6/23/2012	

KU3N34	Aerial_Lifts	GENIE	S125-D-4WD	2001 ENGINE /MODEL YR 2001	75	NA			6/23/2012	
JW3L93	Excavators	TAKEUCHI	TB235	2011 ENGINE /MODEL YR 2011	30	NA			6/30/2012	
GV9J86	Aerial_Lifts	GENIE	GTH 1056	2012 ENGINE /MODEL YR 2011	123	X			6/30/2012	
CJ8P93	ROLLER	BOMAG	BW145D-40	2011 ENGINE /MODEL YR 2011	71	NA			8/7/2012	
PR5U47	Rubber_Tired_Dozers	DEERE	850k	2012 ENGINE /MODEL YR 2011	600	X			8/24/2012	
GH7G75	Off-Highway_Tractors	CAPACITY	TJ7000	2007 ENGINE /MODEL YR 2007	173	X			8/23/2012	
RG8D87	Cranes	BRIDERSON	IC2000-3F	2007 ENGINE /MODEL YR 2007	132	X			8/23/2012	

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

SIGNED: _____ **Print Names:** GWEN BECHTEL

COMPANY: Bechtel Power Corp. DOOR ID -12610 **MONTH:** August, 2012

RCEC PROJECT

DIESEL ENGINE INVENTORY

Condition of Certification AQ-SC5

Equipment Identification Numbers (EINs)	Type	Manufacturer	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	Comments
BJ8S53	Rubber_Tired_Loaders	CATERPILLAR	938G II	Model Yr 2005 / Engine Yr 2004	160	X			6/19/2012		
RA5T35	Rubber_Tired_Loaders	CATERPILLAR	420E	Model Yr 2006 / Engine Yr 2006	90	NA			7/22/2012	8/7/2012	
GM4S69	Excavators	CATERPILLAR	307C	Model Yr 2007 / Engine Yr 2007	54	NA			8/3/2012		

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

SIGNED _____ Print Names: William C Below 6

COMPANY: Mc Guire and Hester (RWF tie-in) MONTH: August , 2012

RCEC PROJECT

DIESEL ENGINE INVENTORY

Condition of Certification AQ-SC5

Equipment Identification Numbers (EINs)	Type	Manufacturer	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	Comments
CP3R84	Rough_Terrain Forklifts	SKY-TRAK	8042	2005 ENGINE / MODEL YR 2005	110	X			6/28/2012	7/23/2012	

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

SIGNED: _____ Print Names: Gwen Bechtel

COMPANY: Graver Inc. (tank installer) MONTH: August, 2012

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
JK3E67	Rough_Terrain_Forklifts	SKY_TRAK	10054	2006 ENGINE / MODEL YR 2005	110	x			3/29/2012	
LX5F37	Rough_Terrain_Forklifts	JLG	G12-55A-CAE	2011 ENGINE / MODEL YR 2011	130	x			5/31/2012	
GG3F88	Aerial_Lifts	JLG	660sJ	2007 ENGINE / MODEL YR 2007	65	NA			6/5/2012	
DS7E34	Rough_Terrain_Forklifts	JLG	10054-IT4	2011 ENGINE / MODEL YR 2012	110	x			6/13/2013	
WJ8F98	CRANES	LINKBELT_RTC-80	LINKBELT	2010 ENGINE / MODEL YR 2010	235	x			6/4/2012	

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

SIGNED: _____ Print Names: Anthony Joosten

COMPANY: SPIG Inc. MONTH: August, 2012

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
SJ6W79	Forklifts	GEHL	DL10L-55	2007 ENGINE /MODEL YR 2006	115	x			2/28/2012	8/3/2012
MJ8J46	Aerial_Lifts	JLG	450A- SERIS II	2005 ENGINE /MODEL YR 2006	48	NA			3/15/2012	8/3/2012
RR6A76	Forklifts	JLG	10054-IT4	2011 ENGINE /MODEL YR 2012	110	X			3/15/2012	8/3/2012
ST4D49	Aerial_Lifts	JLG	450AJ_SERIES_II	2006 ENGINE /MODEL YR 2005	48	NA			3/15/2012	8/3/2012
VG5S88	Forklifts	JLG	QSB4.5	2011 ENGINE /MODEL YR 2012	110	x			4/9/2012	8/3/2012

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

SIGNED: _____ **Print Names:** Gwen Bechtel

COMPANY: Beta Inc. **MONTH:** August, 2012

CONDITION OF CERTIFICATION
WORKER SAFETY-3

Russell City Energy Center
Monthly Compliance Report #25
August 2012

Russell City Energy Center Monthly Compliance Reports (MCRs)

Worker Safety – 3

August 1 – August 31, 2012

In August, the project experienced eleven first aid cases but no recordable cases. The project did experience three near misses in August, two of them significant. The project is currently 38 days without a recordable event.

The first significant near miss occurred when a 32" piece of unistrut fell approximately 75' from the top of HRSG #2. An electrician plumbing the unistrut loosened the spring nuts securing it in place causing the piece to fall.

The second significant near miss occurred during a hydro test of the 12" Fire water suction line from the tank to the pump house. The line separated at the Dresser coupling when the test pressure reached 90 psi. The line moved 43" to the north off its supports.

No injuries occurred during either event.

ESH Meetings:

- All Hands Safety Meeting on Mondays at 7:00 am
- ZAT Meetings on Monday at 12:30pm
- Management Walk downs on Tuesdays at 8:30 am
- ZAT Walk downs on Thursdays at 8:30 am
- Safety Champions Meeting on Thursdays at 12:30 pm
- Supervisor's Safety Meetings on Fridays at 9:00 am and 2:30 pm
- People Based Safety Meetings on Fridays at 11:00 am

Following are the activities for ESH during the month:

- The project started the August Hand Injury Campaign with assessments and safety topics throughout the month.
- The "Stop the Drop" campaign is continuing, additional stickers and posters were issued.
- The Make A Wish Incentive achieved another 30 days without a recordable event and granted another wish. The Project is currently at 53 days without a recordable.
- [I DON'T THINK THIS IS ACCURATE ANY LONGER, AND SO WOULD DELETE FOR THIS MONTH TO GET IT OUT]The Safety Champions as the Zero Accident Team (ZAT) are performing focused assessments facilitated by ES&H and championed by construction
- The Project Incentive Program is continuing with over 6,000 tokens being issued.
- Added two additional Safety Champions for night shift
- Hazard Recognition and Control Training completed the makeup classes for those that could not attend in July.
- New Hire Orientation refresher training continued in August and will continue for the remainder of the project.
- Lockout/Tagout and Work Authorization Training continued in August and will continue through commissioning
- Fire Extinguisher/Fire Watch training continued in August

- The Safety Champions are continuing to complete Safety Absolute observations
- The PBS Team is currently at 12 members and observations increased to 84 in August from 75 for July
- Dedicated ES&H oversight for SPIG as they erect the Cooling Tower as they migrate to the upper levels and interior partitions
- The Safety Absolute observations increased to 84 for the month of August, up from 30 in July
- The Emergency Response Team did not hold any drills in August. Two drills are scheduled for September.

Look-Ahead:

- Continue efforts to control and quantify RF hazards
- LOTO Training and Work Authorization training continue
- Refresher Orientation to continue in September
- Fire watch training to continue as needed
- Start Up support and systems energization planned for September

COURSE ROSTER

DATE: 8/1/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Diaz	Carlos			Bechtel	PF
2	Kirkham	Geoffrey			Calpine	
3	MORALES	Alex (Rafael)			PGE	
4	TREBINCEVIC	ADMIR			PGRE	
5	Bingham	Niles			Bechtel	PF
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INSTRUCTOR'S SIGNATURE: DATE: 8/1/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/6/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/6/12 COURSE LENGTH: 5

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	[illegible]NOR	JASON			Bechtel	
2	[illegible]N	Jeff			" "	Elec
3	YGARICE	JOSEPH			COSCO FP.	STRING
4	TALKington	Philip			Bechtel	PF
5	Gehrig	Brandon			COSCO	SPRINK
6	MARSHALL	MARVIN			Bechtel	PIPE
7	RAMSEY	Robert			Bechtel	PIPE
8	MOYOT	David Moyot			MEH	Carp
9	Weinger	BRADLEY			MEH	Carp.
10	BARLOW	DAMIAN			MEH	CARP.
11	Zimmerman	Vincent			Bechtel	SM
12	KUPCHA SR	ROBERT			BECHTEL	SM
13	Erber	David			Hydratight	HT
14	BURGESS	JOHN			BECHTEL	ELEC
15	BRUCIA	KRIS			HYDRATIGHT	HT
16	NEELY	JUSTIN			BECHTEL	ELEC
17	OBEY	Kenneth			Bechtel	Elec.
18	ROMERO	ALICIA			BECHTEL	ELECT.
19	SMITH	DUANE			GRAVER	Boilermaker
20	ZAJAC	MICHAEL			Bechtel	NM

INSTRUCTOR'S SIGNATURE: DATE: 8/6/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/8/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME		SIGNATURE	Company	CRAFT
	LAST	FIRST			
1	LEWIS	BRIAN		MCR	TRUNWORKER
2	OCHOA	JUAN		MCR	Concrete
3	FRANCISCO M.	FRANCISCO		MCR	
4	RAMOS	JAVIER		MCR	Ironwork.
5	Johnson	Scott		Expert Testing	Inspector
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INSTRUCTOR'S SIGNATURE: DATE: 8/8/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/9/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Aaron Edmondson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: August 9, 2012 COURSE LENGTH: 3 hours

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	[redacted]					
2	MORRIS	Robert		Robert Morris	Bechtel	EL
3	Brehm	Tim		T-Brehm	Bechtel	EL
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INSTRUCTOR'S SIGNATURE: [signature] DATE: August 9, 2012

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3* [signature]

COURSE ROSTER

DATE: 8/13/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Sanders	Allen			Bechtel	EL
2	Mettelman	Diane			Bechtel	EL
3	Breaux	Billy			Bechtel	EL
4	McDermott	Sean			" "	" "
5	[redacted]	[redacted]				
6	DAWLEY	CURT			"	EL
7	GOODBAR	JAMES			"	P.F
8	[redacted]	[redacted]			[redacted]	[redacted]
9	Sueler	Kaeon			Cerco	S.F
10	KUHLER	SETH			TTS/CALPINE	Train
11	LOCK	SCOTT			TTS/CALPINE	TRAIN
12	Wagers	Troy			Bechtel	EL
13	DEALEES	KERC			BECHTEL	EL
14	CARDOZA	LUIS			BECHTEL	ELEC.
15	Allen	Dan			Bechtel	P.F.
16	SCOGGINS	TOM			Bechtel	PF
17	O'NEIL	KELLY			Bechtel	ELE
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INSTRUCTOR'S SIGNATURE: DATE: 8/13/12

** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3

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COURSE ROSTER

DATE: 8/13/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Chasseur	Stephen			CGI Pipe	
2	Hayes	Brian		Brian Hayes	Bechtel	FF
3	Pringle	Eric			CALPINE	
4	Beaubien	Larry		Larry Beaubien	Bechtel	FF
5	McDonald	Lance		USMR	Bechtel	Elec.
6	MALVEAUX	RICHARD			BECHTEL	FF
7	Jones	Jeffrey		Jeffrey Jones	Bechtel	Elec
8	Clark	Roberto		Roberto Clark	Bechtel	Elec.
9	SMYTH	RICHARD			BECHTEL	ELEC.
10	MAYHEW	KEVIN			BECHTEL	ELECT.
11	Eberhard	Chris			BECHTEL	ELEC
12	Winter	Josh			BECHTEL	Elect.
13	SANCHEZ	MICHAEL			BECHTEL	ELECT.
14	Nickelbom	Broderick			BECHTEL	Fitter
15	MUTH, JR.	PAUL		Paul G Muth, Jr	BECHTEL	MW
16	PRADHAN	BISHNU			BECHTEL INDIA	Steel
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INSTRUCTOR'S SIGNATURE: DATE: 8/13/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/15/12

COURSE ID: ESH | COURSE TITLE: New Hire Orientation

INSTRUCTOR NAME(S): Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE LENGTH: 1 hour(s)

	PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
	LAST	FIRST		
1	FLORES	ROBERTO		10135
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INSTRUCTOR'S SIGNATURE: Tony Morgan

COURSE ROSTER

DATE: 8/22/12

COURSE ID: ESH | COURSE TITLE: New Hire Orientation

INSTRUCTOR NAME(S): Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE LENGTH: 1 hour(s)

	PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
	LAST	FIRST		
1	CASAREZ	JAIME		
2	MARTINEZ	BILLY		
3	THOMAS	LEE		
4	THOMASEN	STEVE		
5	DAVALL	MICHAEL		
6	PRATT	SEAN		
7	PYLE	GLENN		
8	REMICK	HENRY		
9	VARGAS	HECTOR		
10	CANDIVER	JOSH		
11	DARDEN	HERBERT		
12	PETRELL	ANDREA		
13	CONLIT	KEVIN		
14	WHITAKER	KEVIN		
15	KISER	DARLEEN		
16	BUCHANAN	WILLIAM		
17	HART	MICHAEL		
18	MARKS	DAMON		
19	BARBER	GREG		
20	LEE	GARY		
21	REYNOSO	JERRY		
22				
23				

INSTRUCTOR'S SIGNATURE:

COURSE ROSTER

DATE: 8/23/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/23/12 COURSE LENGTH: 1 hr.

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Tunales	Rafael			K.M.	
2	Ortiz	Teddy			K.M.	
3	Lanchi	Lovell			K.M.	
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INSTRUCTOR'S SIGNATURE: DATE: 8/23/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/27/12

COURSE ID:

COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/27/12 COURSE LENGTH: 8 hrs

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Stubbs	Steve			Bechtel	MW
2	Rich	Don			Bechtel	Elec.
3	MILLS	DAVID			BECHTEL	ELECTRIC
4	[illegible]	ISAAC			Bechtel	Elec
5	GALLE	CAREY			BECHTEL	ELEC.
6	BROWNFIELD	ROBERT			BECHTEL	ELECT.
7	[illegible]	KEN			Bechtel	SE
8	LAMAN	FRED			BECHTEL	ELECT.
9	QUINN	AMBER			CALPINE	M Tech
10	JONES	EDWARD			Bechtel	SE
11	OAKES	LARRY			Master Erikson	Welder
12	HILL	DANNY			BECHTEL	ELECT.
13	ROSE	ANDREW			BECHTEL	ELECT.
14	HERNANDEZ	MIGUEL			McGuire Hester	Carpenter
15	IVANAS	LUIS			Techno Coatings	Painter
16	FISHER	ANTHONY			Bechtel	ELECTRICIAN
17	Green	Theodore			Bechtel	electrician
18	YI	SUK IN			Bechtel	electrician
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INSTRUCTOR'S SIGNATURE: DATE: 8/27/12

** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3

COURSE ROSTER

DATE: 3/29/12

COURSE ID: ESH

COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 3/29/12 COURSE LENGTH: 8hrs 5

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Fugate	Chad		Chad Fugate	Siping	PF
2						
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INSTRUCTOR'S SIGNATURE: Tony Morgan DATE: 3/29/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

CONDITION OF CERTIFICATION
BIO-2

Russell City Energy Center
Monthly Compliance Report #25
August 2012

Russell City Energy Center

MONTHLY BIOLOGICAL COMPLIANCE REPORT

August 2012

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. Extensive construction activity occurred throughout the project site and on all of the off-site staging and laydown areas throughout the month of August. Construction was all associated with the building of the power plant structures and related facilities. Monthly monitoring was completed by CH2M HILL Designated Biologist Todd Ellwood with the assistance of biological monitors Chris Terry and Holly Barbare. Ms. Terry conducted weekly site visits on August 1, 10, 13, and 24, 2012. Ms. Barbare conducted the weekly site visit on August 31, 2012. On August 13 and 31, several open trenches were observed by the biological monitor to be lacking a wildlife escape ramp by the end of the work day. Although no entrapped wildlife were observed or reported during August, the observations of the open trenches have been discussed with RCEC and they have reminded the contractor to continue to cover excavations or provide escape ramps before the end of each day. Wildlife observed during the month of August included various bird species on and around the site or flying overhead. No bird nesting activity was observed or reported during August 2012, which was expected as the typical nesting season ends August 31. No

new wildlife species were observed during August as well. A complete list of wildlife species observed to date is included in Table A.

Photograph 1. View of a open trench not equipped with a wildlife escape ramp.

Table A

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

Common Name	Scientific Name	Comments
BIRDS		
American coot	*Fulica americana*	Common around project site – two dead individuals observed on site
American crow	*Corvus brachyrhynchos*	Common in and around project areas
American white pelican	*Pelecanus erythrorhynchos*	Observed flying overhead southwest of site
Anna's hummingbird	*Calypte anna*	Observed along fences at the Runnels and Chess laydown areas
Barn swallow	*Hirundo rustica*	One individual observed at project site
Black phoebe	*Sayornis nigricans*	Observed perched on fence at Laydown Area 2 and around project site
Black-neck stilt	*Himantopus mexicanus*	Observed in open stormwater channel west of RCEC site
Brewer's blackbird	*Euphagus cyanocephalus*	Common along western fence line of project site.
Brown-headed cowbird	*Molothrus ater*	One individual observed along fence at Chess parcel.
Bushtit	*Psaltriparus minimus*	Observed in fennel at Laydown Area 3
California gull	*Larus californicus*	Common in and around project areas
California towhee	*Pipilo crissalis*	Observed on site and in Chess laydown area.
Canada goose	*Branta canadensis*	Observed in open stormwater channel west of RCEC site
Cinnamon teal	*Anas cyanoptera*	Observed in canal to southwest of project site
Cliff swallow	*Petrochelidon pyrrhonota*	Laydown area 1 and around project site
Cormorant	*Phalacrocorax* sp.	Few individuals observed in flight west of project site
Collared dove	*Streptopelia decaocto*	One individual observed along eastern fence line of project site
Cooper's hawk	*Accipter cooperii*	One individual observed flying overhead.
European starling	*Sturnus vulgaris*	Observed on transmission tower at Laydown Area 3. An injured juvenile observed on the site.

Table A

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

Common Name	Scientific Name	Comments
Great egret	*Casmerodius albus*	Flying near sediment ponds west of Depot Road
Gulls	*Larus* spp.	Common on and around the project site.
House finch	*Carpodacus mexicanus*	Common in ruderal vegetation in and around project area
Killdeer	*Charadrius vociferus*	Observed in project area
Mallard	*Anus platyrhynchos*	Observed in open stormwater channel west of RCEC site
Mourning dove	*Zenaida macroura*	Common on and around project site
Northern mockingbird	*Mimus polyglottos*	Observed on fence at Laydown Area 3
Northern shoveler	*Anas clypeata*	Observed in off-site drainage near southwestern corner of the site.
Common raven	*Corvus corax*	Observed on project site
Red-tailed hawk	*Buteo jamaicensis*	Observed overhead of project site
Red-winged blackbird	*Agelaius phoeniceus*	Few individuals observed west of project site
Ring-billed gull	*Larus delawarensis*	Common in and around project areas
Rock dove	*Columba livia*	Common in and around project areas
Snowy egret	*Egretta thula*	Individuals in and around project areas
Song sparrow	*Melospiza melodia*	Common in ruderal vegetation in and around project area
Turkey vulture	*Cathartes aura*	One observed overhead south of Runnels parcel
Western gull	*Larus occidentalis*	Common in and around project site.
Western sandpiper	*Calidris mauri*	Several individuals observed around edge of the stormwater detention pond
Western tanager	*Piranga ludoviciana*	Observed on fence at Laydown Area 3
White crowned sparrow	*Zonotrichia leucophrys*	Common along fences west side of project site
Yellow legs	*Tringa melanoleuca*	One individual observed around edge of the stormwater detention pond
Yellow-rumped warbler	*Setophaga coronata*	One individual observed along northern fence line near storm water retention pond

Table A

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

Common Name	Scientific Name	Comments
MAMMALS		
Black-tailed Jackrabbit	*Lepus californicus*	Two individuals observed on project site. Relocated.
California ground squirrel	*Otospermophilus beecheyi*	Individuals observed within and adjacent to project site
Feral cat	*Felix domesticus*	A single individual observed on the project site.
Gray fox	*Urocyon cinereoargenteus*	One individual observed near the storm water basin in the northwest corner of the project site during weekend work in January 2012.
Mice/Voles	*Microtus* spp.	Few individuals noted on site during clearing and grading activities
Norway rat	*Rattus norvegicus*	One individual observed on project site
Raccoon	*Procyon lotor*	Tracks observed only along east fence line.
Striped skunk	*Mephitis mephitis*	Two dead individuals observed on site. Several live skunks have been captured and removed from project site by USFWS.
Virginia opossum	*Didelphis virginiana*	Four juveniles found entrapped in a concrete vault on the main site. The individuals were relocated by the Biological Monitor to an offsite wetland area.
REPTILES		
Gopher snake	*Pituophis catenifer catenifer*	Observed caught in erosion mat netting around sediment pond - extricated and removed off site. One observed on east construction road was extricated and moved off site.
Western fence lizard	*Sceloporus occidentalis*	Observed on site by Cultural Resource Monitors

CONDITION OF CERTIFICATION
SOIL & WATER-1

Russell City Energy Center
Monthly Compliance Report #25
August 2012

Russell City Energy Center Monthly Compliance Reports (MCRs)

Soil & Water – 1

August 1 – August 31, 2012

Drainage, Erosion and Sediment Control Measures

On going erosion control measures were performed in the month of August, work included replacing perimeter silt fence and reinforcing existing with 8-inch straw wattles.

8-inch straw wattles along perimeter fence line

Construction Sediment Basin # 1

On going hydrostat testing was preformed in August. Various piping and vessels were tested all test water was utilized on site for dust control.

Ongoing management of groundwater dewatering was performed throughout the month of August in accordance with the discharge permit (Permit No. 11-672711.01-5GR). Minor amounts of groundwater were transferred using a small 300 gallon water buffalo into the pretreatment system before discharging off site.

Ongoing construction fugitive dust controls included daily wet street sweeper on paved roads, one water tanker truck, tire wash station and treatment of inactive stockpiles.

Site Conditions and Weather

Seasonal temperatures were noted throughout the month of August:

- Monthly Weather: Rainfall/precipitation in August 2012 was normal at 0.00” inches, which is a seasonal norm.

- Temperatures for the month of August, 2012 averaged 73.5°, a departure of +0.01 from normal (Average. temperature established based on NOAA weather station reporting at the Hayward Regional Airport)

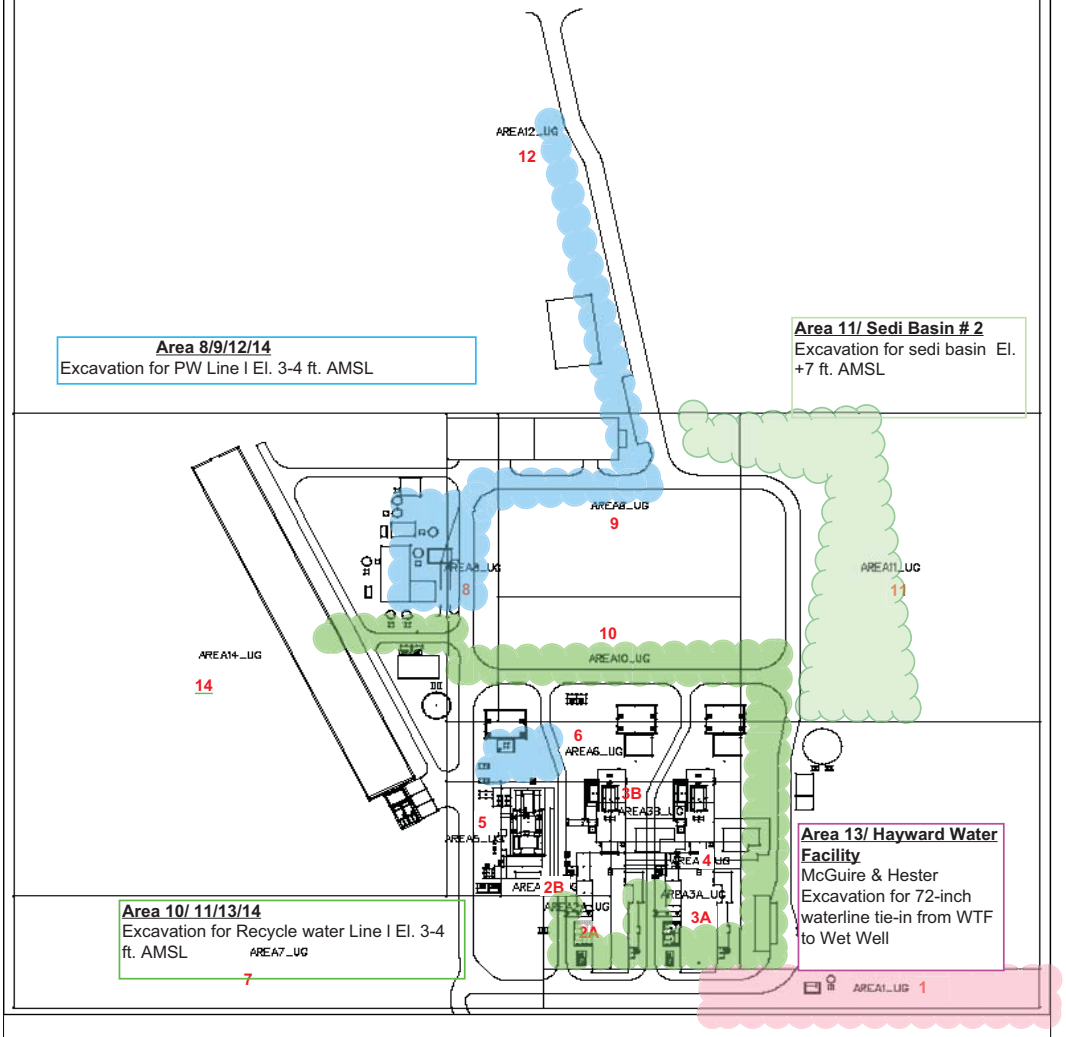
Precipitation Events:

- none

CONDITION OF CERTIFICATION
CUL-2

Russell City Energy Center
Monthly Compliance Report #25
August 2012

Active Work Areas
Weeks of August 27th & September 4rd, 2012



Area 8/9/12/14
Excavation for PW Line I El. 3-4 ft. AMSL

Area 11/ Sedi Basin # 2
Excavation for sedi basin El. +7 ft. AMSL

Area 13/ Hayward Water Facility
McGuire & Hester
Excavation for 72-inch waterline tie-in from WTF to Wet Well

Area 10/ 11/13/14
Excavation for Recycle water Line I El. 3-4 ft. AMSL

RCEC - Cultural Resource Monitor Staffing 8/24/2012

Week of Aug 27

Multiple Crews:
5-8's M-F

Areas 8/9/12/14
Excavation for potable water line modification
(Excavation to el. +3 ASML)

Areas 10/11/13/14
Excavation for recycle water line modification
(Excavation to el. +3 ASML)

Area 13-
Excavation/backfill 72- lateral pipe line work by McGuire & Hester
(Excavation to el. -3 SML)

Week of September 4

Areas -8/9/12/14
Excavation for potable water line modification
(Excavation to el. +3 ASML)

Areas -10/11/13/14
Excavation for recycle water line modification
(Excavation to el. +3 ASML)

Area 13-
Excavation/backfill 72- lateral pipe line work by McGuire & Hester
(Excavation to el. -3 SML)

Area 11 -
Excavation for sedi basin El. +7 ft. AMSL

CONDITION OF CERTIFICATION
CUL-4

Russell City Energy Center
Monthly Compliance Report #25
August 2012

COURSE ROSTER

DATE: 8/1/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Diaz	Carlos			Bechtel	PF
2	Kirkham	Geoffrey			Calpine	
3	MORALES	Alex (Rafael)			PGE	
4	TREBINCEVIC	ADMIR			PGRE	
5	Bingham	Niles			Bechtel	PF
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INSTRUCTOR'S SIGNATURE: DATE: 8/1/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/6/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/6/12 COURSE LENGTH: 5

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	[illegible]NOR	JASON			Bechtel	
2	[illegible]N	Jeff			" "	Elec
3	YGARICE	JOSEPH			COSCO FP.	STRING
4	TALKington	Philip			Bechtel	PF
5	Gehrig	Brandon			COSCO	SPRINK
6	MARSHALL	MARVIN			Bechtel	PIPE
7	RAMSEY	Robert			Bechtel	PIPE
8	MOYOT	David Moyot			MEH	Carp
9	Weinger	BRADLEY			MEH	Carp.
10	BARLOW	DAMIAN			MEH	CARP.
11	Zimmerman	Vincent			Bechtel	SM
12	KUPCHA SR	ROBERT			BECHTEL	SM
13	Erber	David			Hydratight	HT
14	BURGESS	JOHN			BECHTEL	ELEC
15	BRUCIA	KRIS			HYDRATIGHT	HT
16	NEELY	JUSTIN			BECHTEL	ELEC
17	OBEY	Kenneth			Bechtel	Elec.
18	ROMERO	ALICIA			BECHTEL	ELECT.
19	SMITH	DUANE			GRAVER	Boilermaker
20	ZAJAC	MICHAEL			Bechtel	NM

INSTRUCTOR'S SIGNATURE: DATE: 8/6/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/8/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME		SIGNATURE	Company	CRAFT
	LAST	FIRST			
1	LEWIS	BRIAN		MCR	TRUNWORKER
2	OCHOA	JUAN		MCR	Concrete
3	FRANCISCO M.	FRANCISCO		MCR	
4	RAMOS	JAVIER		MCR	Ironwork.
5	Johnson	Scott		Expert Testing	Inspector
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INSTRUCTOR'S SIGNATURE: DATE: 8/8/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/9/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Aaron Edmondson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: August 9, 2012 COURSE LENGTH: 3 hours

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	[redacted]					
2	MORRIS	Robert		Robert Morris	Bechtel	EL
3	Brehm	Tim		T-Brehm	Bechtel	EL
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INSTRUCTOR'S SIGNATURE: [signature] DATE: August 9, 2012

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3* [signature]

COURSE ROSTER

DATE: 8/13/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Sanders	Allen			Bechtel	EL
2	Mettelman	Diane			Bechtel	EL
3	Breaux	Billy			Bechtel	EL
4	McDermott	Sean			" "	" "
5	[redacted]	[redacted]				
6	DAWLEY	CURT			"	EL
7	GOODBAR	JAMES			"	P.F
8	[redacted]	[redacted]			[redacted]	[redacted]
9	Sueler	Kaeon			Cerco	S.F
10	KUHLER	SETH			TTS/CALPINE	Train
11	LOCK	SCOTT			TTS/CALPINE	TRAIN
12	Wagers	Troy			Bechtel	EL
13	DEALEES	KERC			BECHTEL	EL
14	CARDOZA	LUIS			BECHTEL	ELEC.
15	Allen	Dan			Bechtel	P.F.
16	SCOGGINS	TOM			Bechtel	PF
17	O'NEIL	KELLY			Bechtel	ELE
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INSTRUCTOR'S SIGNATURE: DATE: 8/13/12

** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3

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COURSE ROSTER

DATE: 8/13/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Chasseur	Stephen			CGI Pipe	
2	Hayes	Brian		Brian Hayes	Bechtel	FF
3	Pringle	Eric			CALPINE	
4	Beaubien	Larry		Larry Beaubien	Bechtel	FF
5	McDonald	Lance		USMR	Bechtel	Elec.
6	MALVEAUX	RICHARD			BECHTEL	FF
7	Jones	Jeffrey		Jeffrey Jones	Bechtel	Elec
8	Clark	Roberto		Roberto Clark	Bechtel	Elec.
9	SMYTH	RICHARD			BECHTEL	ELEC.
10	MAYHEW	KEVIN			BECHTEL	ELECT.
11	Eberhard	Chris			BECHTEL	ELEC
12	Winter	Josh			BECHTEL	Elect.
13	SANCHEZ	MICHAEL			BECHTEL	ELECT.
14	Nickelbom	Broderick			BECHTEL	Fitter
15	MUTH, JR.	PAUL		Paul G Muth, Jr	BECHTEL	MW
16	PRADHAN	BISHNU			BECHTEL INDIA	Steel
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INSTRUCTOR'S SIGNATURE: DATE: 8/13/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/15/12

COURSE ID: ESH | COURSE TITLE: New Hire Orientation

INSTRUCTOR NAME(S): Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE LENGTH: 1 hour(s)

	PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
	LAST	FIRST		
1	FLORES	ROBERTO		10135
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INSTRUCTOR'S SIGNATURE: Tony Morgan

COURSE ROSTER

DATE: 8/22/12

COURSE ID: ESH | COURSE TITLE: New Hire Orientation

INSTRUCTOR NAME(S): Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE LENGTH: 1 hour(s)

	PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
	LAST	FIRST		
1	CASAREZ	JAIME		
2	MARTINEZ	BILLY		
3	THOMAS	LEE		
4	THOMASEN	STEVE		
5	DAVALL	MICHAEL		
6	PRATT	SEAN		
7	PYLE	GLENN		
8	REMICK	HENRY		
9	VARGAS	HECTOR		
10	CANDIVER	JOSH		
11	DARDEN	HERBERT		
12	PETRELL	ANDREA		
13	CONLIT	KEVIN		
14	WHITAKER	KEVIN		
15	KISER	DARLEEN		
16	BUCHANAN	WILLIAM		
17	HART	MICHAEL		
18	MARKS	DAMON		
19	BARBER	GREG		
20	LEE	GARY		
21	REYNOSO	JERRY		
22				
23				

INSTRUCTOR'S SIGNATURE:

COURSE ROSTER

DATE: 8/23/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/23/12 COURSE LENGTH: 1 hr.

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Tunales	Rafael			K.M.	
2	Ortiz	Teddy			K.M.	
3	Lanchi	Lovell			K.M.	
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INSTRUCTOR'S SIGNATURE: DATE: 8/23/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/27/12

COURSE ID:

COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/27/12 COURSE LENGTH: 8 hrs

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Stubbs	Steve			Bechtel	MW
2	Rich	Don			Bechtel	Elec.
3	MILLS	DAVID			BECHTEL	ELECTRIC
4	[illegible]	ISAAC			Bechtel	Elec
5	GALLE	CAREY			BECHTEL	ELEC.
6	BROWNFIELD	ROBERT			BECHTEL	ELECT.
7	[illegible]	KEN			Bechtel	SE
8	LAMAN	FRED			BECHTEL	ELECT.
9	QUINN	AMBER			CALPINE	M Tech
10	JONES	EDWARD			Bechtel	SE
11	OAKES	LARRY			Master Erikson	Welder
12	HILL	DANNY			BECHTEL	ELECT.
13	ROSE	ANDREW			BECHTEL	ELECT.
14	HERNANDEZ	MIGUEL			McGuire Hester	Carpenter
15	IVANAS	LUIS			Techno Coatings	Painter
16	FISHER	ANTHONY			Bechtel	ELECTRICIAN
17	Green	Theodore			Bechtel	electrician
18	YI	SUK IN			Bechtel	electrician
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INSTRUCTOR'S SIGNATURE: DATE: 8/27/12

** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3

COURSE ROSTER

DATE: 3/29/12

COURSE ID: ESH

COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 3/29/12 COURSE LENGTH: 8hrs 5

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Fugate	Chad		Chad Fugate	Siping	PF
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INSTRUCTOR'S SIGNATURE: Tony Morgan DATE: 3/29/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

CONDITION OF CERTIFICATION
CUL-6

Russell City Energy Center
Monthly Compliance Report #25
August 2012

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: August 1 to August 4, 2012

This report covers cultural resources monitoring activities for construction of the Russell City Energy Center project for the week of August 1 to August 4, 2012, 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 disturbances included hand excavation around the active fiber optic line and the 12 kv electrical line, excavation for a tie-in vault for the 72-inch recycled water line south of the RWF in Area 1 and continued excavation for the 72-inch recycled water line south of the main project site boundaries with McGuire and Hester.

Additional monitoring activities included excavation of a drainage sleeve from the Contact Basin traveling west and crossing the east road in Area 13, excavation of a chemical unloading slab in Area 13, excavation for a pipe crossing in a northeast by southwest direction trench in Area 14 west of the ZLD, hand excavations for 2 metal grates in the eastern side of the switchyard area and grading Sediment Basin #1 in Area 12/9 and excavation of the eastern corner of the sediment basin next to the administration building in Area 9 with Bechtel.

The various layers of soil observed during this week's excavations with McGuire and Hester included a light grey top soil, a light brown silty soil with 30 percent small to medium size gravel, grey sandy fill around pre-existing pipes, a green grey loam layer, an orange brown silty loam with 30 percent small to medium size gravel inclusions, a black blue silty loam, a dark brown grey silty clay, a grey clay loam and a beige clay soil.

Soils observed during excavations with Bechtel included aggregate base, lime-treated backfill, light grey top soil, grey brown loam with 75 percent medium gravel inclusions, a blue green gritty fill with 75 percent medium gravel and a dark brown grey silty clay.

Cultural Resources Discoveries This Period

None.

Anticipated Changes in the Next Period

Remaining excavations scheduled for next week include continued excavation for the potable water and sanitary sewage lines in Area 9/Sediment Basin #1 as well as multiple small excavations with Bechtel and continue excavation of the 72-inch recycled water pipeline with subcontractor McGuire and Hester. The CRM will remain on site to continue

monitoring and to respond to discoveries if they occur.

Comments, Issues or Concerns

McGuire and Hester anticipate finishing excavation for the 72-inch pipeline sometime next week.

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: August 5 to August 11, 2012

This report covers cultural resources monitoring activities for construction of the Russell City Energy Center project for the week of August 5 to August 11, 2012, as required by Condition of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Sonia Sifuentes and Michelle Kaye participated as CRMs for this week.

Monitoring and Associated Activities This Period

Monitoring of ground disturbances included continued excavation for the vault box area to an ending depth of approximately 20 feet deep from top of shoring beam and excavation of the main trench for the 72-inch recycled water pipeline just south of the RWF located in Area 1 to an ending depth of 14 feet deep with McGuire and Hester.

Additional monitoring activities included excavation of 3-foot-deep concrete pads in the CTG area and between the HRSGs, extension of a duct bank trench between HRSGs, excavation of two temporary power poles on the east side of the project site to a depth of 5.3 feet below surface and continuation of the 12-inch potable water pipeline within Area 9/14/12 to depths of 4.5 feet deep as well as potholing for pre-existing utility lines along the path of the potable water pipeline trench at various depths depending on the depth of the utility line and spot checking excavation for a pipe rack support next to HRSG #2 to 2 feet deep.

The various layers of soil observed during excavations with McGuire and Hester included a light grey top soil, a light brown silty soil with 30 percent small to medium size gravel inclusions, green grey loam at 4 feet, orange brown silty layer with 30 percent small to medium gravel inclusions, black blue silty loam at 6 feet, a layer of grey clay loam at 8 feet and a beige clay soil observed at 13 feet with slurry observed within 5 feet of the pre-existing RWF box.

Soils observed during excavations with Bechtel included aggregate base and lime-treated fill layers observed throughout the site, dark brown silty-clay at average 2.75-foot depth in the areas disturbed this week, a light grey/brown silty soil with 25 percent medium gravel inclusions, a light brown clay soil at approximately 3.5 feet deep, dark brown loam with small gravel, a yellow granite layer and light brown clay soil 4 feet deep.

Cultural Resources Discoveries This Period

None

Anticipated Changes in the Next Period

Activities scheduled for next week include continuation of the 12-inch potable water pipeline within Area 9/14 as well as multiple small excavations with Bechtel. The CRM will remain on site to continue monitoring and to respond to discoveries if they occur.

Comments, Issues or Concerns

On Wednesday, McGuire and Hester completed all major excavations for the recycled water pipeline trench. Any additional excavations will be smaller activities with the possibility of being within already disturbed areas. Superintendent Ramiro Sierra of McGuire and Hester has been told to notify if and when any excavations will occur.

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: August 12 to August 18, 2012

This report covers cultural resources monitoring activities for construction of the Russell City Energy Center project for the week of August 12 to August 18, 2012, 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 disturbances included 4.5-foot-deep excavation to reveal a 2-inch PA pipeline next to the RWF in Area 13, continued 4-foot-deep excavation for a 12-inch potable water pipeline along the southern edge of Sediment Basin #1 in Area 14/9, pipe rack foundation excavation to a 1.5-foot depth within the switchyard area, excavation for fire hydrant valves no more than 3 feet deep in Area 13 and Area 14 along with spot checking a 2-foot-deep excavation for PIV in between the HRSGs, eyewash station foundation excavation to 16 inches deep south of the Aqueous Ammonia Tank in Area 1/13 and pot hole activities at various depths for electrical conduit and ground cables southwest of the switchyard control house with Bechtel.

Additional monitoring activities included 2-foot-deep excavation for 1.5-inch electrical connection pipeline for a sampler on the City of Hayward Water Treatment plant property with McGuire and Hester.

The various layers of soil observed during excavations with McGuire and Hester included a top layer of highly compacted light brown silty soil with 80 percent gravel of less than 1 centimeter (cm) length, a brown loamy sand with 50 percent small to medium size gravel which slowly diminishes to approximately 25 percent towards the bottom of the trench and a beige sandy loam with approximately 25 percent small gravel inclusions.

Soils observed during excavations with Bechtel included aggregate base and lime-treated fill layers observed throughout the site, a light brown silty soil, dark brown grey silty clay soil at approximately 2.75 feet deep and a light brown clay soil at approximately 3.5 feet deep as well as patches of beige sandy loam right before the dark brown grey silty clay layer in Area 14/9.

Cultural Resources Discoveries This Period

None

Anticipated Changes in the Next Period

Activities scheduled for next week include continuation of the 12-inch potable water pipeline either in Area 14 near the ZLD or Area 12 in front of the meter station as well as multiple small excavations with Bechtel. 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: August 19 to August 25, 2012

This report covers cultural resources monitoring activities for construction of the Russell City Energy Center project for the week of August 19 to August 25, 2012, as required by Condition 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 disturbances included clean up of a 12-inch potable water pipeline, excavation of no more than 2 feet deep for the RWF area slab on the northern side of the AAT in Area 13, hand excavation to 1.5-foot depth to expose sludge pumps in Area 13, grading of less than 6 inches deep in the southeast corner of HRSG #1, grading behind the RWF in Area 13 no more than 2 feet deep, excavation for 12-inch potable water and 4-inch sanitary sewage pipelines in Area 12 within the driveway of the meter station to depths of 3.5 feet, 4 feet and 9.2 feet below surface and along the northwestern project boundary into the storm water catchment basin to meet existing trench, pothole excavation to relocate a 16-inch gas pipe line for PG&E to a depth of 5.6 feet deep, excavation on the southeast corner of the administration building in Area 9 to 4.2 feet deep and widening a previously excavated section of the 12-inch potable water pipeline within Sediment Basin #1 by 2 feet for safety issues. All ground disturbance activities were done by Bechtel.

Soils observed during excavations with Bechtel included a light brown grey sandy top layer, brown silt with small gravel inclusions, a highly fissile yellow granite rock layer, dark grey sandy loam with medium size gravel, an orange brown loamy sand, asphalt (in Area 12 only), a dark grey layer, a blue green fill with medium size gravel, a dark brown grey silty clay and a light brown clay layer.

Cultural Resources Discoveries This Period

None

Anticipated Changes in the Next Period

Activities scheduled for next week include excavations for a communication duct bank in Area 12, spoils removal and excavation to subgrade of 3 feet with DeSilva Gates as well as multiple small excavations with Bechtel. 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: August 26 to August 31, 2012

This report covers cultural resources monitoring activities for construction of the Russell City Energy Center project for the week of August 26 to August 31, 2012, 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 disturbances included excavations for potable water tie-in at various locations on the project site ranging in depth from 2.8 feet deep to 4.5 feet deep, pothole activity to verify the elevation of the newly installed gas main pipeline for the newly added communication duct bank excavation in Area 12 to a depth of 3.5 feet, pothole activity to locate the exact location of a pre-existing fiber optic line along Depot Road to a depth of 3 feet, pothole activity within the ZLD area in Area 14 to locate utility lines to depth of 4.5 feet, excavation for a communication duct bank in Area 12 to a depth of 2 feet, clean up of the side walls of a potable water line in the Sediment Basin #1 area to minimize falling debris within the trench as well as spot checking a small excavation to re-locate a fire hydrant valve within the road outside the craft tent in Area 1. All ground disturbance activities were done by Bechtel.

Soils observed during excavations with Bechtel included aggregate base and lime-treated fill layers observed throughout the site, sand fill around pre-existing pipes, a 3-inch top layer of asphalt (in Area 12), a beige gritty sand with medium size gravel inclusions, a light brown grey sandy top layer, an orange/brown loamy sand layer, a brown silt layer and a dark brown grey silty clay.

Cultural Resources Discoveries This Period

None.

Anticipated Changes in the Next Period

Activities scheduled for next week include continuation of the communication duct bank in Area 12, the start of Sediment Basin #2 in the eastern side of the project site as well as multiple small excavations with Bechtel. The CRM will remain on site to continue monitoring and to respond to discoveries if they occur.

Comments, Issues or Concerns

Spoils removal and subgrade excavation to a 3-foot depth with subcontractor DeSilva Gates has been put on hold. It is unknown when this activity will go forward.

CONDITION OF CERTIFICATION
PAL-3

Russell City Energy Center
Monthly Compliance Report #25
August 2012

COURSE ROSTER

DATE: 8/1/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Diaz	Carlos			Bechtel	PF
2	Kirkham	Geoffrey			Calpine	
3	MORALES	Alex (Rafael)			PGE	
4	TREBINCEVIC	ADMIR			PGRE	
5	Bingham	Niles			Bechtel	PF
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INSTRUCTOR'S SIGNATURE: DATE: 8/1/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/6/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/6/12 COURSE LENGTH: 5

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	[illegible]NOR	JASON			Bechtel	
2	[illegible]N	Jeff			" "	Elec
3	YGARICE	JOSEPH			COSCO FP.	STRING
4	TALKington	Philip			Bechtel	PF
5	Gehrig	Brandon			COSCO	SPRINK
6	MARSHALL	MARVIN			Bechtel	PIPE
7	RAMSEY	Robert			Bechtel	PIPE
8	MOYOT	David Moyot			MEH	Carp
9	Weinger	BRADLEY			MEH	Carp.
10	BARLOW	DAMIAN			MEH	CARP.
11	Zimmerman	Vincent			Bechtel	SM
12	KUPCHA SR	ROBERT			BECHTEL	SM
13	Erber	David			Hydratight	HT
14	BURGESS	JOHN			BECHTEL	ELEC
15	BRUCIA	KRIS			HYDRATIGHT	HT
16	NEELY	JUSTIN			BECHTEL	ELEC
17	OBEY	Kenneth			Bechtel	Elec.
18	ROMERO	ALICIA			BECHTEL	ELECT.
19	SMITH	DUANE			GRAVER	Boilermaker
20	ZAJAC	MICHAEL			Bechtel	NM

INSTRUCTOR'S SIGNATURE: DATE: 8/6/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/8/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME		SIGNATURE	Company	CRAFT
	LAST	FIRST			
1	LEWIS	BRIAN		MCR	TRUNWORKER
2	OCHOA	JUAN		MCR	Concrete
3	FRANCISCO M.	FRANCISCO		MCR	
4	RAMOS	JAVIER		MCR	Ironwork.
5	Johnson	Scott		Expert Testing	Inspector
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INSTRUCTOR'S SIGNATURE: DATE: 8/8/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/9/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Aaron Edmondson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: August 9, 2012 COURSE LENGTH: 3 hours

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	[redacted]					
2	MORRIS	Robert		Robert Morris	Bechtel	EL
3	Brehm	Tim		T-Brehm	Bechtel	EL
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INSTRUCTOR'S SIGNATURE: [signature] DATE: August 9, 2012

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3* [signature]

COURSE ROSTER

DATE: 8/13/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Sanders	Allen			Bechtel	EL
2	Mettelman	Diane			Bechtel	EL
3	Breaux	Billy			Bechtel	EL
4	McDermott	Sean			" "	" "
5	[redacted]	[redacted]				
6	DAWLEY	CURT			"	EL
7	GOODBAR	JAMES			"	P.F
8	[redacted]	[redacted]			[redacted]	[redacted]
9	Sueler	Kaeon			Cerco	S.F
10	KUHLER	SETH			TTS/CALPINE	Train
11	LOCK	SCOTT			TTS/CALPINE	TRAIN
12	Wagers	Troy			Bechtel	EL
13	DEALEES	KERC			BECHTEL	EL
14	CARDOZA	LUIS			BECHTEL	ELEC.
15	Allen	Dan			Bechtel	P.F.
16	SCOGGINS	TOM			Bechtel	PF
17	O'NEIL	KELLY			Bechtel	ELE
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INSTRUCTOR'S SIGNATURE: DATE: 8/13/12

** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3

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COURSE ROSTER

DATE: 8/13/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Russ Ford, Melvin Anderson

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: COURSE LENGTH:

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Chasseur	Stephen			CGI Pipe	
2	Hayes	Brian		Brian Hayes	Bechtel	FF
3	Pringle	Eric			CALPINE	
4	Beaubien	Larry		Larry Beaubien	Bechtel	FF
5	McDonald	Lance		USMR	Bechtel	Elec.
6	MALVEAUX	RICHARD			BECHTEL	FF
7	Jones	Jeffrey		Jeffrey Jones	Bechtel	Elec
8	Clark	Roberto		Roberto Clark	Bechtel	Elec.
9	SMYTH	RICHARD			BECHTEL	ELEC.
10	MAYHEW	KEVIN			BECHTEL	ELECT.
11	Eberhard	Chris			BECHTEL	ELEC
12	Winter	Josh			BECHTEL	Elect.
13	SANCHEZ	MICHAEL			BECHTEL	ELECT.
14	Nickelbom	Broderick			BECHTEL	Fitter
15	MUTH, JR.	PAUL		Paul G Muth, Jr	BECHTEL	MW
16	PRADHAN	BISHNU			BECHTEL INDIA	Steel
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INSTRUCTOR'S SIGNATURE: DATE: 8/13/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/15/12

COURSE ID: ESH | COURSE TITLE: New Hire Orientation

INSTRUCTOR NAME(S): Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE LENGTH: 1 hour(s)

	PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
	LAST	FIRST		
1	FLORES	ROBERTO		10135
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INSTRUCTOR'S SIGNATURE: Tony Morgan

COURSE ROSTER

DATE: 8/22/12

COURSE ID: ESH | COURSE TITLE: New Hire Orientation

INSTRUCTOR NAME(S): Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE LENGTH: 1 hour(s)

	PRINT NAME		SIGNATURE	BECHTEL EMPLOYEE NO.
	LAST	FIRST		
1	CASAREZ	JAIME		
2	MARTINEZ	BILLY		
3	THOMAS	LEE		
4	THOMASEN	STEVE		
5	DAVALL	MICHAEL		
6	PRATT	SEAN		
7	PYLE	GLENN		
8	REMICK	HENRY		
9	VARGAS	HECTOR		
10	CANDIVER	JOSH		
11	DARDEN	HERBERT		
12	PETRELL	ANDREA		
13	CONLIT	KEVIN		
14	WHITAKER	KEVIN		
15	KISER	DARLEEN		
16	BUCHANAN	WILLIAM		
17	HART	MICHAEL		
18	MARKS	DAMON		
19	BARBER	GREG		
20	LEE	GARY		
21	REYNOSO	JERRY		
22				
23				

INSTRUCTOR'S SIGNATURE:

COURSE ROSTER

DATE: 8/23/12

COURSE ID:	COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/23/12 COURSE LENGTH: 1 hr.

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Tunales	Rafael			K.M.	
2	Ortiz	Teddy			K.M.	
3	Lanchi	Lovell			K.M.	
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INSTRUCTOR'S SIGNATURE: DATE: 8/23/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

COURSE ROSTER

DATE: 8/27/12

COURSE ID:

COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 8/27/12 COURSE LENGTH: 8 hrs

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Stubbs	Steve			Bechtel	MW
2	Rich	Don			Bechtel	Elec.
3	MILLS	DAVID			BECHTEL	ELECTRIC
4	[illegible]	ISAAC			Bechtel	Elec
5	GALLE	CAREY			BECHTEL	ELEC.
6	BROWNFIELD	ROBERT			BECHTEL	ELECT.
7	[illegible]	KEN			Bechtel	SE
8	LAMAN	FRED			BECHTEL	ELECT.
9	QUINN	AMBER			CALPINE	M Tech
10	JONES	EDWARD			Bechtel	SE
11	OAKES	LARRY			Master Erikson	Welder
12	HILL	DANNY			BECHTEL	ELECT.
13	ROSE	ANDREW			BECHTEL	ELECT.
14	HERNANDEZ	MIGUEL			McGuire Hester	Carpenter
15	IVANAS	LUIS			Techno Coatings	Painter
16	FISHER	ANTHONY			Bechtel	ELECTRICIAN
17	Green	Theodore			Bechtel	electrician
18	YI	SUK IN			Bechtel	electrician
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INSTRUCTOR'S SIGNATURE: DATE: 8/27/12

** By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3

COURSE ROSTER

DATE: 3/29/12

COURSE ID: ESH

COURSE TITLE: Environmental, Safety/WS1, New Hire Training Orientation & Worker Environmental Awareness Program (WEAP)

INSTRUCTOR NAME(S): Gwen Bechtel, Tony Morgan

LOCATION WHERE GIVEN: ☒ Bechtel ☐ Other (specify)

COURSE COMPLETION DATE: 3/29/12 COURSE LENGTH: 8hrs 5

	PRINT NAME			SIGNATURE	Company	CRAFT
	LAST	FIRST				
1	Fugate	Chad		Chad Fugate	Siping	PF
2						
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INSTRUCTOR'S SIGNATURE: Tony Morgan DATE: 3/29/12

** *By signing this attendee acknowledged receiving training and understands the Condition of Certification set forth in BIO-5, CUL-4, & PAL-3*

CONDITION OF CERTIFICATION
PAL-4

Russell City Energy Center
Monthly Compliance Report #25
August 2012

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

Prepared For: Karen Parker, RCEC Project Manager
Prepared By: Geof Spaulding, RCEC Paleontological Resources Specialist (PRS)
Levi Pratt, Staff Paleontologist
Reporting For Period: August 2012

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

Personnel Active in Paleontological Monitoring This Period

Michelle Kaye, Philip Reid, and Sonia Sifuentes were the paleontological resources monitors (PRMs) for this month.

Monitoring and Associated Activities This Period

Monitoring for paleontological resources occurred at all times that construction-related excavations occurred. This was facilitated by having cross-trained cultural and paleontological monitors performing this job. While most excavations are shallow, occasional excavations to depths greater than 6 feet below ground surface (bgs) have the potential to affect sediments of potential paleontological sensitivity. These were fully monitored.

Paleontological Resources Discoveries This Period

No paleontological material was identified.

Anticipated Activities in the Next Period

Monitoring is expected to continue through September 2012.

Comments, Issues or Concerns

No issues or concerns.

CONDITION OF CERTIFICATION
COMPLIANCE-5
Compliance Matrix

Russell City Energy Center
Monthly Compliance Report #25
August 2012

Technical Area	No.	Facility Status	Report	Condition of Certification	Compliance Verification	Timeframe	Submittal Required	Date Submitted	Date Approved	Status
COMPLIANCE	1	All		Unrestricted Access	The CPM, responsible Energy Commission staff, and delegate agencies or consultants shall be guaranteed and granted unrestricted access to the power plant site, related facilities, project-related Staff, and the records maintained on site, for the purpose of conducting audits, surveys, inspections, or general site visits. Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.	N/A	N/A	N/A	N/A	Ongoing
COMPLIANCE	2	All		Compliance Record	The project owner shall maintain project files onsite or at an alternative site approved by the CPM, for the life of the project unless a lesser period of time is specified by the conditions of certification. The files shall contain copies of all "as-built" drawings, all documents submitted as verification for conditions, and all other project-related documents. Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files.	N/A	N/A	N/A	N/A	Ongoing
COMPLIANCE	3	All		Compliance Verification Submittals	Each condition of certification is followed by a means of verification. The verification describes the Energy Commission's procedure(s) to ensure postcertification compliance with adopted conditions. The verification procedures, unlike the conditions, may be modified as necessary by the CPM, and in most cases without full Energy Commission approval. A cover letter from the project owner or authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters. The cover letter subject line shall identify the involved condition(s) of certification by condition number and include a brief description of the subject of the submittal. The project owner shall also identify those submittals not required by a condition of certification with a statement such as: "This submittal is for information only and is not required by a specific condition of certification." When submitting supplementary or corrected information, the project owner shall reference the date of the previous submittal.	N/A	N/A	N/A	N/A	Ongoing
COMPLIANCE	5	All	Annual	Compliance Matrix	A compliance matrix shall be submitted by the project owner to the CPM along with each monthly and annual compliance report. The compliance matrix is intended to provide the CPM with the current status of all conditions of certification in a spreadsheet format. The compliance matrix must identify: 1. the technical area; 2. the condition number; 3. a brief description of the verification action or submittal required by the condition; 4. the date the submittal is required (e.g., 60 days prior to construction, after final inspection, etc.); 5. the expected or actual submittal date; 6. the date a submittal or action was approved by the Chief Building Official (CBO), CPM, or delegate agency, if applicable; and 7. the compliance status of each condition, e.g., "not started," "in progress" or "completed" (include the date). Satisfied conditions do not need to be included in the compliance matrix after they have been identified as satisfied in at least one monthly or annual compliance report.	N/A	N/A	N/A	N/A	Ongoing
COMPLIANCE	6	Constr	Monthly	Monthly Compliance Report	The first Monthly Compliance Report is due one month following the Energy Commission business meeting date upon which the project was approved, unless otherwise agreed to by the CPM. The first Monthly Compliance Report shall include an initial list of dates for each of the events identified on the Key Events List. During pre-construction and construction of the project, the project owner or authorized agent shall submit an original and eight copies of the Monthly Compliance Report within 10 working days after the end of each reporting month.The reports shall contain, at a minimum: 1. a summary of the current project construction status, a revised/updated schedule if there are significant delays, and an explanation of any significant changes to the schedule; 2. documents required by specific conditions to be submitted along with the Monthly Compliance Report. Each of these items must be identified in the transmittal letter, and submitted as attachments to the Monthly Compliance Report; 3. an initial, and thereafter updated, compliance matrix showing the status of all conditions of certification (fully satisfied conditions do not need to be included in the matrix after they have been reported as completed); 4. a list of conditions that have been satisfied during the reporting period, and a description or reference to the actions that satisfied the condition; 5. a list of any submittal deadlines that were missed, accompanied by an explanation and an estimate of when the information will be provided; 6. a cumulative listing of any approved changes to conditions of certification; 7. a listing of any filings submitted to, or permits issued by, other governmental agencies during the month; 8. a projection of project compliance activities scheduled during the next two months. The project owner shall notify the CPM as soon as any changes are made to the project construction schedule that would affect compliance with conditions of certification; 9. a listing of the month's additions to the on-site compliance file; and 10. a listing of complaints, notices of violation, official warnings, and citations received during the month, a description of the resolution of the resolved actions, and the status of any unresolved actions.	10	After end of the reporting period	9/15/2010	N/A	Ongoing

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COMPLIANCE	7	Ops	Annual	Annual Compliance Report	After construction is complete, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports. The reports are for each year of commercial operation and are due to the CPM each year at a date agreed to by the CPM. Annual Compliance Reports shall be submitted over the life of the project unless otherwise specified by the CPM. Each Annual Compliance Report shall identify the reporting period and shall contain the following: 1. an updated compliance matrix showing the status of all conditions of certification (fully satisfied conditions do not need to be included in the matrix after they have been reported as completed); 2. a summary of the current project operating status and an explanation of any significant changes to facility operations during the year; 3. documents required by specific conditions to be submitted along with the Annual Compliance Report. Each of these items must be identified in the transmittal letter, and submitted as attachments to the Annual Compliance Report; 4. a cumulative listing of all post-certification changes approved by the Energy Commission or cleared by the CPM; 5. an explanation for any submittal deadlines that were missed, accompanied by an estimate of when the information will be provided; 6. a listing of filings submitted to, or permits issued by, other governmental agencies during the year; 7. a projection of project compliance activities scheduled during the next year; 8. a listing of the year's additions to the on-site compliance file; 9. an evaluation of the on-site contingency plan for unplanned facility closure, including any suggestions necessary for bringing the plan up to date [see Compliance Conditions for Facility Closure addressed later in this section]; and 10. a listing of complaints, notices of violation, official warnings, and citations received during the year, a description of the resolution of any resolved matters, and the status of any unresolved matters.	N/A	After end of the reporting period		N/A	Not Started
COMPLIANCE	8	All	Quarterly	Confidential Information	Any information that the project owner deems confidential shall be submitted to the Energy Commission's Dockets Unit with an application for confidentiality pursuant to Title 20, California Code of Regulations, section 2505(a). Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501 et. seq.	N/A	N/A	N/A	N/A	Ongoing
COMPLIANCE	9	All		Annual Energy Facility Compliance Fee	Pursuant to the provisions of Section 25806(b) of the Public Resources Code, the project owner is required to pay an annual fee currently seventeen thousand six hundred seventy six dollars ($17,676), which will be adjusted annually on July 1. The initial payment is due on the date the Energy Commission adopts the final decision. All subsequent payments are due by July 1 of each year in which the facility retains its certification. The payment instrument shall be made payable to the California Energy Commission and mailed to: Accounting Office, California Energy Commission, 1516 9th St., MS-2, Sacramento, CA 95814.	N/A	N/A	7/1/2001	N/A	Ongoing
COMPLIANCE	10	All		Reporting of Complaints, Notices, and Citations	Prior to the start of construction, the project owner must send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints or concerns. If the telephone is not staffed 24 hours per day, it shall include automatic answering with date and time stamp recording. All recorded complaints shall be responded to within 24 hours. The telephone number shall be posted at the project site and made easily visible to passersby during construction and operation. The telephone number shall be provided to the CPM who will post it on the Energy Commission's web page.	N/A	Prior to start of construction	8/24/2010	N/A	Complete
COMPLIANCE	10	All			Any changes to the telephone number shall be submitted immediately to the CPM, who will update the web page. In addition to the monthly and annual compliance reporting requirements described above, the project owner shall report and provide copies to the CPM of all complaint forms, notices of violation, notices of fines, official warnings, and citations, within 10 days of receipt. Complaints shall be logged and numbered. Noise complaints shall be recorded on the form provided in the NOISE conditions of certification. All other complaints shall be recorded on the complaint form (Attachment A).	10	After receipt	N/A	N/A	Ongoing
COMPLIANCE	11	Closure		Planned Closure	In order to ensure that a planned facility closure does not create adverse impacts, a closure process that provides for careful consideration of available options and applicable laws, ordinances, regulations, standards, and local/regional plans in existence at the time of closure, will be undertaken. To ensure adequate review of a planned project closure, the project owner shall submit a proposed facility closure plan to the Energy Commission for review and approval at least 12 months (or other period of time agreed to by the CPM) prior to commencement of closure activities. The project owner shall file 120 copies (or other number of copies agreed upon by the CPM) of a proposed facility closure plan with the Energy Commission. The plan shall: 1. identify and discuss any impacts and mitigation to address significant impacts associated with proposed closure activities and to address facilities, equipment, or other project related remnants that will remain at the site; 2. identify a schedule of activities for closure of the power plant site, transmission line corridor, and all other appurtenant facilities constructed as part of the project; 3. identify any facilities or equipment intended to remain on site after closure, the reason, and any future use; and 4. address conformance of the plan with all applicable laws, ordinances, regulations, standards, and local/regional plans in existence at the time of facility closure, and applicable conditions of certification. Prior to submittal of the proposed facility closure plan, a meeting shall be held between the project owner and the Energy Commission CPM for the purpose of discussing the specific contents of the plan.	365	Prior to closure			Not Started

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COMPLIANCE	12	Constr		Unplanned Temporary Closure/On-Site Contingency Plan	The project owner shall submit an on-site contingency plan for CPM review and approval. The plan shall be submitted no less that 60 days (or other time agreed to by the CPM) prior to commencement of commercial operation. The approved plan must be in place prior to commercial operation of the facility and shall be kept at the site at all times. The project owner, in consultation with the CPM, will update the on-site contingency plan as necessary. The CPM may require revisions to the on-site contingency plan over the life of the project. In the annual compliance reports submitted to the Energy Commission, the project owner will review the on-site contingency plan, and recommend changes to bring the plan up to date. Any changes to the plan must be approved by the CPM. The on-site contingency plan shall provide for taking immediate steps to secure the facility from trespassing or encroachment. In addition, for closures of more than 90 days, unless other arrangements are agreed to by the CPM, the plan shall provide for removal of hazardous materials and hazardous wastes, draining of all chemicals from storage tanks and other equipment, and the safe shutdown of all equipment. (Also see specific conditions of certification for the technical areas of Hazardous Materials Management and Waste Management.) In addition, consistent with requirements under unplanned permanent closure addressed below, the nature and extent of insurance coverage, and major equipment warranties must also be included in the on-site contingency plan. In addition, the status of the insurance coverage and major equipment warranties must be updated in the annual compliance reports. In the event of an unplanned temporary closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan. The project owner shall keep the CPM informed of the circumstances and expected duration of the closure. If the CPM determines that an unplanned temporary closure is likely to be permanent, or for a duration of more than 12 months, a closure plan consistent with the requirements for a planned closure shall be developed and submitted to the CPM within 90 days of the CPM's determination (or other period of time agreed to by the CPM).	60	Prior to commercial operation			Not Started
COMPLIANCE	13	Constr		Unplanned Permanent Closure/On-Site Contingency Plan	The on-site contingency plan required for unplanned temporary closure shall also cover unplanned permanent facility closure. All of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure. In addition, the on-site contingency plan shall address how the project owner will ensure that all required closure steps will be successfully undertaken in the event of abandonment. In the event of an unplanned permanent closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan. The project owner shall keep the CPM informed of the status of all closure activities. A closure plan, consistent with the requirements for a planned closure, shall be developed and submitted to the CPM within 90 days of the permanent closure or another period of time agreed to by the CPM.	90	After closure			Not Started
COMPLIANCE	14	All		Post Certification Changes to the Energy Commission Decision: Amendments, Ownership Changes, Insignificant Project Changes, and Verification Changes	The project owner must petition the Energy Commission pursuant to Title 20, California Code of Regulations, section 1769, in order to modify the project (including linear facilities) design, operation or performance requirements, and to transfer ownership or operational control of the facility. It is the responsibility of the project owner to contact the CPM to determine if a proposed project change should be considered a project modification pursuant to section 1769. Implementation of a project modification without first securing Energy Commission, or Energy Commission staff approval, may result in enforcement action that could result in civil penalties in accordance with section 25534 of the Public Resources Code. A petition is required for amendments and for insignificant project changes as specified below. For verification changes, a letter from the project owner is sufficient. In all cases, the petition or letter requesting a change should be submitted to the CPM, who will file it with the Energy Commission's Dockets Unit in accordance with Title 20, California Code of Regulations, section 1209.	N/A	N/A	N/A	N/A	Ongoing
GEN	1	Constr		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. (The CBC in effect is that edition that has been adopted by the California Building Standards Commission and published at least 180 days previously.) All transmission facilities (lines, switchyards, switching stations, and substations) are handled in Conditions of Certification in the Transmission System Engineering section of this document	Within 30 days after receipt of the Certificate of Occupancy, the project owner shall submit to the California Energy Commission Compliance Project Manager (CPM) a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable engineering LORS and the Energy Commission Decision have been met in the area of facility design.	30	After receipt			Ongoing
GEN	1	Constr			The project owner shall provide the CPM a copy of the Certificate of Occupancy within 30 days of receipt from the CBO.	30	After receipt			Ongoing
GEN	2	Constr	Monthly		The project owner shall provide schedule updates in the Monthly Compliance Report.	N/A	N/A	Various	N/A	Ongoing
GEN	3	Constr	Monthly	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. These fees may be consistent with the fees listed in the 2001 CBC [Chapter 1, Section 107 and Table 1-A, Building Permit Fees; Appendix Chapter 33, Section 3310 and Table A-33-A, Grading Plan Review Fees; and Table A-33-B, Grading Permit Fees], adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be as otherwise agreed by 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. 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.	N/A	N/A	9/15/2010	N/A	Ongoing
GEN	5	Constr		If any one of the designated responsible engineers is subsequently reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned responsible engineer to the CBO for review and approval.	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.	5	After proposed change			Ongoing
GEN	5	Constr		The project owner shall notify the CPM of the CBO's approval of the new engineer.	The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	5	After approval			Ongoing
GEN	6	Constr		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. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in Conditions of Certification in the Transmission System Engineering section of this document.	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 above.	15	Prior to start of	Various	Various	Ongoing
GEN	6	Constr			If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned special inspector to the CBO for approval.	5	After proposed change			Ongoing

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GEN	6	Constr			The project owner shall notify the CPM of the CBO's approval of the newly assigned inspector within five days of the approval.	5	After approval			Ongoing
GEN	6	Constr	Monthly		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.	N/A	N/A	Various	N/A	Ongoing
GEN	7	Constr	Monthly	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 discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this Condition of Certification and, if appropriate, the applicable sections of the CBC and/or other LORS.	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.	N/A	N/A		N/A	Ongoing
GEN	7	Constr			If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval, and the revised corrective action to obtain CBO's approval.	5	After notification			Ongoing
GEN	8	Constr		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. The marked up "as-built" drawings for the construction of structural and architectural work shall be submitted to the CBO. Changes approved by the CBO shall be identified on the "as-built" drawings [2001 CBC, Section 108, Inspections].	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.	15	After completion			Ongoing
GEN	8	Constr		The project owner shall retain one set of approved engineering plans, specifications and calculations at the project site or at another accessible location during the operating life of the project [2001 CBC, Section 106.4.2, Retention of plans].	After storing final approved engineering plans, specifications and calculations as described above, the project owner shall submit to the CPM a letter stating that the above documents have been stored and indicate the storage location of such documents.	N/A	N/A			Not Started
STRUC	1	Constr		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. Proposed lateral force procedures, designs, plans and drawings shall be those for the following items (from Table 1, above): 1. Major project structures; 2. Major foundations, equipment supports and anchorage; 3. Large field fabricated tanks; 4. Turbine/generator pedestal; and 5. Switchyard structures. Construction of any structure or component shall not commence until the CBO has approved the lateral force procedures to be employed in designing that structure or component.	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.	30	Prior to start of any increment of	Various	Various	Ongoing
STRUC	1	Constr			If the CBO discovers non-conformance with the stated requirements, the project owner shall resubmit the corrected plans to the CBO within 20 days of receipt of the nonconforming submittal with a copy of the transmittal letter to the CPM.	20	After receipt			Ongoing
STRUC	1	Constr			The project owner shall submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in conformance with the requirements set forth in the applicable engineering LORS.	N/A	N/A			Ongoing
STRUC	2	Constr		The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval: 1. Concrete cylinder strength test reports (including date of testing, date sample taken, design concrete strength, tested cylinder strength, age of test, type and size of sample, location and quantity of concrete placement from which sample was taken, and mix design designation and parameters); 2. Concrete pour sign-off sheets; 3. Bolt torque inspection reports (including location of test, date, bolt size, and recorded torques); 4. Field weld inspection reports (including type of weld, location of weld, inspection of non-destructive testing (NDT) procedure and results, welder qualifications, certifications, qualified procedure description or number (ref: AWS); and 5. Reports covering other structural activities requiring special inspections shall be in accordance with the 2001 CBC, Chapter 17, Section 1701, Special Inspections, Section 1701.5, Type of Work (requiring special inspection), Section 1702, Structural Observation and Section 1703, Nondestructive Testing.	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. The NCR shall reference the Condition(s) of Certification and the applicable CBC chapter and section.	5	After discovery			Ongoing
STRUC	2	Constr			Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	5	After resolution			Ongoing
STRUC	2	Constr			The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days.	15	After approval			Ongoing
STRUC	2	Constr			If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	5	After notification			Ongoing
STRUC	3	Constr		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.	N/A	N/A			Ongoing
STRUC	3	Constr	Monthly		The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	N/A	N/A			Ongoing
STRUC	4	Constr		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.	30	Prior to start of installation			Ongoing
STRUC	4	Constr	Monthly		The project owner shall send copies of the CBO approvals of plan checks to the CPM in the following Monthly Compliance Report.	N/A	N/A			Ongoing
STRUC	4	Constr	Monthly		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.	N/A	N/A			Ongoing
CIVIL	1	Constr	Monthly		In the next Monthly Compliance Report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	N/A	N/A	9/15/2010	N/A	Complete
CIVIL	2	Constr		The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area [2001 CBC, Section 104.2.4, Stop orders].	Within five 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.	5	After approval			Ongoing

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CIVIL	2	Constr		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 submit modified plans, specifications and calculations to the CBO based on these new conditions.	The project owner shall notify the CPM, within five days, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	5	After discovery			Ongoing
CIVIL	3	Constr		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. All plant site grading operations for which a grading permit is required shall be subject to inspection by the CBO.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report (NCR), and the proposed corrective action. A list of NCRs, for the reporting month, shall also be included in the following Monthly Compliance Report.	5	After discovery	Various		Ongoing
CIVIL	3	Constr			Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM.	5	After resolution			Ongoing
CIVIL	3	Constr	Monthly		A list of NCRs, for the reporting month, shall also be included in the following Monthly Compliance Report.	N/A	N/A			Ongoing
CIVIL	4	Constr		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 [2001 CBC, Section 109, Certificate of Occupancy].	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.	30	After completion			Not Started
CIVIL	4	Constr	Monthly		The project owner shall submit a copy of this report to the CPM in the next Monthly Compliance Report.	N/A	N/A			Not Started
MECH	1	Constr	Monthly	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, above. Physical layout drawings and drawings not related to code compliance and life safety need not be submitted. The submittal shall also include the applicable QA/QC procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of said construction [2001 CBC, Section 106.3.2, Submittal Documents, Section 108.3, Inspection Requests, Section 108.4, Approval Required; 2001 California Plumbing Code, Section 103.5.4, Inspection Request, Section 301.1.1, Approval].	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 listed in Table 1, Condition of Certification GEN-2 above, 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, and shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.	30	Prior to start of any increment of	Various	Various	Ongoing
MECH	1	Constr	Monthly		The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	N/A	N/A	Various	Various	Ongoing
MECH	2	Constr		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. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of said installation [2001 CBC, Section 108.3 – Inspection Requests].	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.	30	Prior to construction of	2/15/2012		Ongoing
MECH	2	Constr	Monthly		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.	N/A	N/A	2/15/2012		Ongoing
MECH	3	Constr		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.	30	Prior to construction of			Ongoing
ELEC	1	Constr	Monthly	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 [CBC 2001, Section 106.3.2, Submittal documents]. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS [2001 CBC, Section 108.4, Approval Required, and Section 108.3, Inspection Requests]. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in Conditions of Certification in the Transmission System Engineering section of this document.	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. 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.	30	Prior to start of any increment of	Various	Various	Ongoing
TSE	1	Constr	Monthly		The project owner shall provide schedule updates in the Monthly Compliance Report.	N/A	N/A	Various	Various	Ongoing
TSE	2	Constr			If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.	5	After proposed change			Ongoing
TSE	2	Constr			The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	5	After approval			Ongoing
TSE	3	Constr		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. (1998 CBC, Chapter 1, Section 108.4, Approval Required; Chapter 17, Section 1701.3, Duties and Responsibilities of the Special Inspector; Appendix Chapter 33, Section 3317.7, Notification of Noncompliance]. The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and shall reference this condition of certification.	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.	15	After receipt			Ongoing
TSE	3	Constr			If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.	5	After notification			Ongoing
TSE	4	Constr	Monthly	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. These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. The following activities shall be reported in the Monthly Compliance Report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.	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, and send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.	30	Prior to start of any increment of			Ongoing

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TSE	6	Constr		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. A detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change shall accompany the request. Construction involving changed equipment or substation configurations shall not begin without prior written approval of the changes by the CBO and the CPM.	At least 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.	60	Prior to construction of	N/A	N/A	Ongoing
TSE	7	Constr		2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the CA ISO Outage Coordination Department.	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.	1	Prior to synchronization			Not Started
TSE	7	Constr		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: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the CA ISO a letter stating the proposed date of synchronization; and	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.	7	Prior to synchronization			Not Started
TSE	7	Constr			A report of conversation with the CA ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	1	Prior to synchronization			Not Started
TSE	8	Constr		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. In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO: a) "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in responsible charge. A statement attesting to conformance with CPUC GO-95 or NESC, Title 8, California Code of Regulations, Articles 35, 36 and 37 of the, "High Voltage Electric Safety Orders", and applicable interconnection standards, NEC, related industry standards, and these conditions shall be provided concurrently. b) An "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in responsible charge or acceptable alternative verification. "As built" drawings of the electrical, mechanical, structural, and civil portion of the transmission facilities shall be maintained at the power plant and made available, if requested, for CPM audit as set forth in the "Compliance Monitoring Plan". c) A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	60	After first synchronization			Not Started
TLSN	2	Ops	Annual	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. Written records shall be maintained for a period of five years, of all complaints of radio or television interference attributable to plant operation together with the corrective action taken in response to each complaint. All complaints shall be recorded to include notations on the corrective action taken. Complaints not leading to a specific action or for which there was no resolution should be noted and explained. The record shall be signed by the project owner and also the complainant, if possible, to indicate concurrence with the corrective action or agreement with the justification for a lack of action.	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.	N/A	N/A			Not Started
TLSN	3	Constr		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 measurements shall be made according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures at the locations of maximum field strengths along the chosen route. These measurements shall be completed not later than six months after the start of operations.	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.	60	After completion			In Progress
TLSN	4	Ops	Annual	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.	N/A	N/A			Not Started
TLSN	5	Constr		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. Such notification shall include, when possible, the owner's written objection. Upon receipt of such notice, the CPM may waive the requirement for grounding the object involved.	At least 30 days before the lines are energized, the project owner shall transmit to the CPM a letter confirming compliance with this Condition.	30	Prior to energization	6/19/2012	7/2/2012	Complete
AQ	SC03	Constr	Monthly	Construction Fugitive Dust Control: 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. Any deviation from the following mitigation measures shall require prior CPM notification and approval.	The project owner shall provide to the CPM a MCR to include: (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the District in relation to project construction; and (3) any other documentation deemed necessary by the District and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	N/A	N/A	Various	Various	Ongoing
AQ	SC04	Constr	Monthly	Dust Plume Response Requirement: The AQCMM or an AQCMM Delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported (1) off the project site or (2) 200 feet beyond the centerline of the construction of linear facilities or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not resulting in effective mitigation. The AQCMP shall include a section detailing how the additional mitigation measures will be accomplished within the time limits specified.	The project owner shall provide to the CPM a MCR to include: (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the District in relation to project construction; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	N/A	N/A	Various	Various	Ongoing
AQ	SC05	Constr	Monthly	Diesel-Fueled Engine Control: 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. Any deviation from the following mitigation measures shall require prior CPM notification and approval.	The project owner shall include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition, (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that equipment has been properly maintained, and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	N/A	N/A	Various	Various	Ongoing
AQ	SC06	All		The project owner shall provide the CPM copies of all District issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit.	The project owner shall submit any ATC, PTO, and any proposed air permit modification to the CPM within five working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.	5	After submittal	12/6/2010 (ATC)	N/A	Ongoing
AQ	SC06	All		The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	The project owner shall submit all modified air permits to the CPM within 15 days of receipt.	15	After receipt	8/7/2009 (PSD)	N/A	Ongoing

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AQ	SC07	All	Quarterly Annual	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 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.	N/A	N/A			Not Started
AQ	SC08	All	Quarterly Annual	Turbine hot/warm startup NOx emissions shall not exceed 95/125 pounds per startup event, respectively.	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.	N/A	N/A			Not Started
AQ	SC09	All	Quarterly Annual	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.	N/A	N/A			Not Started
AQ	SC12	All	Quarterly Annual		The project owner shall submit documentation to show compliance with this condition in the quarterly and annual reports as required in AQ-20.	N/A	N/A	N/A	N/A	Not Started
AQ	SC13	Constr		If complete compliance with AQ-SC12 cannot be achieved by the condition milestones, the project owner shall make up the wintertime PM10 milestone shortfall by providing annual PM10 or PM10 equivalent (SOx for PM10) ERCs at a ratio of 2 tons of annual PM10 or PM10 equivalent ERCs to 1 ton of wintertime PM10. PM10 equivalent ERCs can be provided by SOx for PM10 interpollutant trading at a ratio of 5.3 to 1.	The project owner shall submit to the CPM a list of PM10 and/or SOx ERCs to be surrendered to the District at least 60 days prior to initial startup.	60	Prior to first fire			In Progress
AQ	SC15	All	Quarterly Annual	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.	N/A	N/A			Not Started
AQ	SC16	All	Quarterly Annual	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.	N/A	N/A			Not Started
AQ	1	Comm	Monthly	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 a Monthly Compliance Report (MCR) to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started
AQ	2	Comm	Monthly	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 a MCR to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started
AQ	3	Comm	Monthly	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 a MCR to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started
AQ	4	Comm	Monthly	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 plan shall include a description of each commissioning activity, the anticipated duration of each activity in hours, and the purpose of the activity. The activities described shall include, but not be limited to, the tuning of the Dry-Low-NOx combustors, the installation and operation of the required emission control systems, the installation, calibration, and testing of the CO and NOx continuous emission monitors, and any activities requiring the firing of the gas turbines (S-1 & S-3) and HRSGs (S-2 & S-4) without abatement by their respective oxidation catalysts and/or SCR Systems. The owner/operator shall not fire any of the gas turbines (S-1 or S-3) sooner than 28 days after the District receives the commissioning plan.	The project owner shall submit a MCR to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started
AQ	5	Comm	Monthly	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 the following parameters: • firing hours • fuel flow rates • stack gas nitrogen oxide emission concentrations, • stack gas carbon monoxide emission concentrations • stack gas oxygen concentrations. The monitored parameters shall be recorded at least once every 15 minutes (excluding normal calibration periods or when the monitored source is not in operation) for the gas turbines (S-1 & S-3), HRSGs (S-2 & S-4). The owner/operator shall use District-approved methods to calculate heat input rates, nitrogen dioxide mass emission rates, carbon monoxide mass emission rates, and NOx and CO emission concentrations, summarized for each clock hour and each calendar day. The owner/operator shall retain records on site for at least five (5) years from the date of entry and make such records available to District personnel upon request.	The project owner shall submit a MCR report to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started
AQ	6	Comm	Monthly	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 type, specifications, and location of these monitors shall be subject to District review and approval.	The project owner shall submit a MCR to the 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.	N/A	N/A			Not Started
AQ	7	Comm	Monthly	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. Such operation of S-1 gas turbine and S-2 HRSG without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR system and/or oxidation catalyst in place. Upon completion of these activities, the owner/operator shall provide written notice to the District Engineering and Enforcement Divisions and the unused balance of the 300 firing hours without abatement shall expire.	The project owner shall submit a MCR to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started
AQ	8	Comm	Monthly	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. Such operation of S-3 gas turbine and S-4 HRSG without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR system and/or oxidation catalyst in place. Upon completion of these activities, the owner/operator shall provide written notice to the District Engineering and Enforcement Divisions and the unused balance of the 300 firing hours without abatement shall expire.	The project owner shall submit a MCR to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started

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AQ	9	Comm	Monthly	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 a MCR to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started
AQ	10	Comm	Monthly	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 a MCR to the CPM specifying how this condition is being complied with.	N/A	N/A			Not Started
AQ	11	Comm		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. The source tests shall determine NOx, CO, and POC emissions during start-up and shutdown of the gas turbines. The POC emissions shall be analyzed for methane and ethane to account for the presence of unburned natural gas. The source test shall include a minimum of three start-up and three shutdown periods and shall include at least one cold start, one warm start, and one hot start. The owner/operator shall incorporate the District and CPM comments into the test plan.	No later than 30 working days before the commencement of the source tests, the project owner shall submit to the District and the CPM a detailed source test plan designed to satisfy the requirements of this condition. The project owner shall incorporate the District and CPM comments into the test plan.	30	Prior to testing			Not Started
AQ	11	Comm		The owner/operator shall notify the District and the CPM within seven (7) working days prior to the planned source testing date.	The project owner shall notify the District and the CPM within seven (7) working days prior to the planned source testing date.	7	Prior to testing			Not Started
AQ	11	Comm		The owner/operator shall submit the source test results to the District and the CPM within 60 days of the source testing date.	Source test results shall be submitted to the District and the CPM within 60 days of the source testing date.	60	After testing			Not Started
AQ	11	Comm		Twenty (20) working days before the execution of the source tests, the owner/operator shall submit to the District and the CPM a detailed source test plan designed to satisfy the requirements of this condition. The District and the CPM will notify the owner/operator of any necessary modifications to the plan within 20 working days of receipt of the plan; otherwise, the plan shall be deemed approved.	The District and the CPM will notify the project owner of any necessary modifications to the plan within 20 working days of receipt of the plan; otherwise, the plan shall be deemed approved.	20	After receipt			Not Started
AQ	12	Ops	Quarterly	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. PG&E monthly sulfur data may be used provided that such data can be demonstrated to be representative of the gas delivered to the RCEC. In the event that the average sulfur content exceeds 0.25 grain per 100 standard cubic feet, a reduced annual heat input rate may be utilized to calculate the maximum projected annual emissions. The reduced annual heat input rate shall be subject to District review and approval. (BACT for SO2 and PM10)	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.	N/A	N/A			Not Started
AQ	13	Ops	Quarterly Annual	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 and annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.	N/A	N/A			Not Started
AQ	14	Ops	Quarterly Annual	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 and annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.	N/A	N/A			Not Started
AQ	15	Ops	Quarterly Annual	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 and annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.	N/A	N/A			Not Started
AQ	16	Ops	Quarterly Annual	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 and annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.	N/A	N/A			Not Started
AQ	17	Ops	Quarterly Annual	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 and 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.	N/A	N/A			Not Started
AQ	18	Ops	Quarterly Annual	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 and 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.	N/A	N/A			Not Started
AQ	19	Ops	Quarterly Annual	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) (a) Nitrogen oxide mass emissions (calculated as NO2) at P-1 (the combined exhaust point for S-1 gas turbine and S-2 HRSG after abatement by A-1 SCR System) shall not exceed 16.5 pounds per hour or 0.00735 lb/MM BTU (HHV) of natural gas fired. Nitrogen oxide mass emissions (calculated as NO2) at P-2 (the combined exhaust point for S-3 gas turbine and S-4 HRSG after abatement by A-3 SCR System) shall not exceed 16.5 pounds per hour or 0.00735 lb/MM BTU (HHV) of natural gas fired (b) The nitrogen oxide emission concentration at emission points P-1 and P-2 each shall not exceed 2.0 ppmv, on a dry basis, corrected to 15% O2, averaged over any 1-hour period. (BACT for NOx) (c) Carbon monoxide mass emissions at P-1 and P-2 each shall not exceed 10 pounds per hour or 0.0045 lb/MM BTU of natural gas fired, averaged over any 1-hour period. (PSD for CO) (d) The carbon monoxide emission concentration at P-1 and P-2 each shall not exceed 2.0 ppmv, on a dry basis, corrected to 15% O2, averaged over any 1-hour period. (BACT for CO) (e) Ammonia (NH3) emission concentrations at P-1 and P-2 each shall not exceed 5 ppmv, on a dry basis, corrected to 15% O2, averaged over any rolling 3-hour period. This ammonia emission concentration shall be verified by the continuous recording of the ammonia injection rate to A-2 and A-4 SCR Systems. The correlation between the gas turbine and HRSG heat input rates, A-2 and A-4 SCR System ammonia injection rates, and corresponding ammonia emission concentration at emission points P-1 and P-2 shall be determined in accordance with permit condition 30. (Regulation 2-5) (f) Precursor organic compound (POC) mass emissions (as CH4) at P-1 and P-2 each shall not exceed 2.86 pounds per hour or 0.00128 lb/MM BTU of natural gas fired. (BACT) (g) Sulfur dioxide (SO2) mass emissions at P-1 & P-2 each shall not exceed 6.21 pounds per hour or 0.0028 lb/MM BTU of natural gas fired. (BACT) (h) Particulate matter (PM10) mass emissions at P-1 & P-2 each shall not exceed 7.5 pounds per hour or 0.0036 lb PM10/MM BTU of natural gas fired. (BACT)	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. The quarterly and annual compliance summary reports shall contain the following information: (a) Operating parameters of emission control equipment, including but not limited to ammonia injection rate, NOx emission rate and ammonia slip. (b) Total plant operation time (hours), number of startups, hours in cold startup, hours in warm startup, hours in hot startup, and hours in shutdown. (c) Date and time of the beginning and end of each startup and shutdown period. (d) Average plant operation schedule (hours per day, days per week, weeks per year). (e) All continuous emissions data reduced and reported in accordance with the District approved CEMS protocol. (f) Maximum hourly, maximum daily, total quarterly, and total calendar year emissions of NOx, CO, PM10, POC and SOx (including calculation protocol). (g) Fuel sulfur content (monthly laboratory analyses, monthly natural gas sulfur content reports from the natural gas supplier(s), or the results of a custom fuel monitoring schedule approved by the District. (h) A log of all excess emissions, including the information regarding malfunctions/breakdowns. (i) Any permanent changes made in the plant process or production, which would affect air pollutant emissions, and indicate when changes were made. (j) Any maintenance to any air pollutant control system (recorded on an as performed basis). In addition, this information shall be maintained on site for a minimum of five (5) years and shall be provided to District personnel on request.	30	After end of the reporting period			Not Started
AQ	20	Ops	Quarterly Annual	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 and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started

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AQ	21	Ops	Quarterly Annual	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 and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	22	Ops	Quarterly Annual	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 following limits during any calendar day: (a) 1,453 pounds of NOx (as NO2) per day. (Cumulative Emissions) (b) 1,225 pounds of NOx per day during ozone season from June 1 to September 30. (CEC Condition of Certification) (c) 7,360 pounds of CO per day (PSD) (d) 295 pounds of POC (as CH4) per day (Cumulative Emissions) (e) 413 pounds of PM10 per day (PSD) (f) 292 pounds of SO2 per day (BACT)	The project owner shall submit to the District and CPM the quarterly and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	23	Ops	Quarterly Annual	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 following limits during any consecutive twelve-month period: (a) 127 tons of NOx (as NO2) per year (Offsets, PSD) (b) 330 tons of CO per year (Cumulative Increase, PSD) (c) 28.5 tons of POC (as CH4) per year (Offsets) (d) 71.8 tons of PM10 per year (Cumulative Increase, PSD) (e) 12.2 tons of SO2 per year (Cumulative Increase, PSD)	The project owner shall submit to the District and CPM the quarterly and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	24	Ops	Quarterly Annual	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 and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	25	Ops	Quarterly Annual	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 following limits: formaldehyde 10,912 pounds per year benzene 226 pounds per year specified polycyclic aromatic hydrocarbons (PAHs) 1.8 pounds per year unless the following requirement is satisfied: The owner/operator shall perform a health risk assessment to determine the total facility risk using the emission rates determined by source testing and the most current Bay Area Air Quality Management District approved procedures and unit risk factors in effect at the time of the analysis. The owner/operator shall submit the risk analysis to the District and the CPM within 60 days of the source test date. The owner/operator may request that the District and the CPM revise the carcinogenic compound emission limits specified above. If the owner/operator demonstrates to the satisfaction of the APCO that these revised emission limits will not result in a significant cancer risk, the District and the CPM may, at their discretion, adjust the carcinogenic compound emission limits listed above. (Regulation 2, Rule 5.)	The project owner shall submit to the District and CPM the quarterly and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	26	All		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 following parameters: (a) Firing Hours and Fuel Flow Rates for each of the following sources: S-1 & S-3 combined, S-2 & S-4 combined. (b) Oxygen (O2) concentration, Nitrogen Oxides (NOx) concentration, and Carbon Monoxide (CO) concentration at exhaust points P-1 and P-2. (c) Ammonia injection rate at A-1 and A-3 SCR Systems The owner/operator shall record all of the above parameters every 15 minutes (excluding normal calibration periods) and shall summarize all of the above parameters for each clock hour. For each calendar day, the owner/operator shall calculate and record the total firing hours, the average hourly fuel flow rates, and pollutant emission concentrations. The owner/operator shall use the parameters measured above and District approved calculation methods to calculate the following parameters: (d) Heat Input Rate for each of the following sources: S-1 & S-3 combined, S-2 & S-4 combined. (e) Corrected NOx concentration, NOx mass emission rate (as NO2), corrected CO concentration, and CO mass emission rate at each of the following exhaust points: P-1 and P-2. For each source, source grouping, or exhaust point, the owner/operator shall record the parameters specified in AQ-26(d) and (e) at least once every 15 minutes (excluding normal calibration periods). As specified below, the owner/operator shall calculate and record the following data: (f) total heat input rate for every clock hour. (g) on an hourly basis, the cumulative total heat input rate for each calendar day for the following: each gas turbine and associated HRSG combined and all four sources (S-1, S-2, S-3 and S-4)combined. (h) the average NOx mass emission rate (as NO2), CO mass emission rate, and corrected NOx and CO emission concentrations for every clock hour. (i) on an hourly basis, the cumulative total NOx mass emissions (as NO2) and the cumulative total CO mass emissions, for each calendar day for the following: each gas turbine and associated HRSG combined and all four sources (S-1, S-2, S-3 and S-4) combined. (j) For each calendar day, the average hourly heat input rates, corrected NOx emission concentration, NOx mass emission rate (as NO2), corrected CO emission concentration, and	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.	30	Prior to first fire			Not Started
AQ	27	Ops	Quarterly Annual	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 owner/operator shall use the actual heat input rates measured pursuant to AQ-26, actual gas turbine start-up times, actual gas turbine shutdown times, and CEC and District-approved emission factors developed pursuant to source testing under AQ-30 to calculate these emissions. The owner/operator shall present the calculated emissions in the following format: (a) For each calendar day, POC, PM10, and SO2 emissions, summarized for each power train (gas turbine and its respective HRSG combined) and all four sources (S-1, S-2, S-3 & S-4) combined (b) on a daily basis, the cumulative total POC, PM10, and SO2 mass emissions, for each year for all eight sources (S-1, S-2, S-3 & S-4) combined (Offsets, PSD, Cumulative Increase)	The project owner shall submit to the District and CPM the quarterly and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started

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AQ	28	Ops	Quarterly Annual	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 owner/operator shall calculate the maximum projected annual emissions using the maximum annual heat input rate of 35,708,858 MM BTU/year and the highest emission factor (pounds of pollutant per MM BTU of heat input) determined by any source test of the S-1 and S-3 gas turbines and/or S-2 and S-4 HRSGs. If the highest emission factor for a given pollutant occurs during minimum-load turbine operation, a reduced annual heat input rate may be utilized to calculate the maximum projected annual emissions to reflect the reduced heat input rates during gas turbine start-up and minimum-load operation. The reduced annual heat input rate shall be subject to District review and approval. (Regulation 2, Rule 5)	The project owner shall submit to the District and CPM the quarterly and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	29	Ops		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 source test shall determine the correlation between the heat input rates of the gas turbine and associated HRSG, A-2 or A-4 SCR System ammonia injection rate, and the corresponding NH3 emission concentration at emission point P-1 or P-2. The source test shall be conducted over the expected operating range of the turbine and HRSG (including, but not limited to, minimum and full load modes) to establish the range of ammonia injection rates necessary to achieve NOx emission reductions while maintaining ammonia slip levels. The owner/operator shall repeat the source testing on an annual basis thereafter. Ongoing compliance with AQ-19(e) shall be demonstrated through calculations of corrected ammonia concentrations based upon the source test correlation and continuous records of ammonia injection rate.	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.	7	Prior to testing			Not Started
AQ	29	Ops		The owner/operator shall submit the source test results to the District and the CPM within 60 days of conducting the tests. (Regulation 2, Rule 5)	Source test results shall be submitted to the District and to the CPM within 60 days of the date of the tests.	60	After testing			Not Started
AQ	30	Ops		The owner/operator shall submit the source test results to the District and the CPM within 60 days of conducting the tests. (BACT, offsets)	Source test results shall be submitted to the District and to the CPM within 60 days of the date of the tests.	60	After testing			Not Started
AQ	30	Ops		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 owner/operator shall test for (as a minimum): water content; stack gas flow rate; oxygen concentration; precursor organic compound concentration and mass emissions; nitrogen oxide concentration and mass emissions (as NO2); carbon monoxide concentration and mass emissions; sulfur dioxide concentration and mass emissions; methane; ethane; and, particulate matter (PM10) emissions, including condensable particulate matter.	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.	7	Prior to testing			Not Started
AQ	31	Ops		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). As indicated above, the owner/operator shall measure the contribution of condensable PM (back half) to the total PM10 emissions. However, the owner/operator may propose alternative measuring techniques to measure condensable PM such as the use of a dilution tunnel or other appropriate method used to capture semi-volatile organic compounds.	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.	7	Prior to testing			Not Started
AQ	31	Ops		The owner/operator shall submit the source test results to the District and the CPM within 60 days of conducting the tests. (BACT)	Source test results shall be submitted to the District and to the CPM within 60 days of the date of the tests.	60	After testing			Not Started
AQ	32	Ops		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. The owner/operator shall also test the gas turbine while it is operating at minimum load. If three consecutive biennial source tests demonstrate that the annual emission rates calculated pursuant to AQ-25 for any of the compounds listed below are less than the BAAQMD trigger levels, pursuant to Regulation 2, Rule 5, shown, then the owner/operator may discontinue future testing for that pollutant: Benzene ≤6.4 pounds/year and 2.9 pounds/hour Formaldehyde <30 pounds/year and 0.21 pounds/hour Specified PAHs ≤0.011 pounds/year (Regulation 2, Rule 5)	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.	7	Prior to testing			Not Started
AQ	32	Ops			Source test results shall be submitted to the District and to the CPM within 60 days of the date of the tests.	60	After testing			Not Started
AQ	33	Ops		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)	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.	7	Prior to testing			Not Started
AQ	33	Ops			Source test results shall be submitted to the District and to the CPM within 60 days of the date of the tests.	60	After testing			Not Started
AQ	34	All		The owner/operator shall submit the source test results to the District and the CPM within 60 days of conducting the tests. (PSD)	Source test results shall be submitted to the District and to the CPM within 60 days of the date of the tests.	60	After testing			Not Started
AQ	34	All		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. The owner/operator shall test for (as a minimum) SO2, SO3, and H2SO4. After acquiring one year of source test data on these sources, the owner/operator may petition the District to reduce the test frequency to an annual basis if test result variability is sufficiently low as determined by the District.	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.	7	Prior to testing			Not Started
AQ	35	Ops		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.	N/A	N/A			Not Started

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AQ	36	All		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.	N/A	N/A			Not Started
AQ	37	All	Quarterly Annual	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 and 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.	N/A	N/A			Not Started
AQ	41	Ops		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 30 days after they are issued by the District.	30	After issuance			Not Started
AQ	42	Ops		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 30 days after they are issued by the District.	30	After issuance			In Progress
AQ	43	Constr		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 60 days prior to the installation of the CEMS, the project owner shall seek approval from the District for an emission monitoring plan.	60	Prior to start of installation			In Progress
AQ	45	Ops	Quarterly Annual	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. Prior to the initial operation of the Russell City Energy Center, the owner/operator shall have the cooling tower vendor's field representative inspect the cooling tower drift eliminators and certify that the installation was performed in a satisfactory manner. Within 60 days of the initial operation of the cooling tower, the owner/operator shall perform an initial performance source test to determine the PM10 emission rate from the cooling tower to verify compliance with the vendor-guaranteed drift rate specified in AQ-44. The CPM may require the owner/operator to perform source tests to verify continued compliance with the vendor-guaranteed drift rate specified in AQ-44. (PSD)	The project owner shall submit to the District and CPM the quarterly and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	46	Ops	Quarterly Annual	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 and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	47	Ops	Quarterly Annual	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. ["Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection 9e)(2)(A)(3) or (e)(2)(B)(3)]	The project owner shall submit to the District and CPM the quarterly and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	48	Ops	Quarterly Annual	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 and annual compliance reports as required by AQ-19.	N/A	N/A			Not Started
AQ	49	All		Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 60 months from the date of entry. Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request. a. Hours of operation for reliability-related activities (maintenance and testing). b. Hours of operation for emission testing to show compliance with emission limits. c. Hours of operation (emergency). d. For each emergency, the nature of the emergency condition. e. Fuel usage for each engine(s). (Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(I), cumulative increase)	During site inspection, the project owner shall make all records and reports available to the District, ARB, EPA or CEC staff.	N/A	N/A			Not Started
PH	1	Comm		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. The Plan shall be consistent with either Staff's "Cooling Water Management Program Guidelines" or with the Cooling Technology Institute's "Best Practices for Control of Legionella" guidelines but in either case, the Plan must include sampling and testing for the presence of Legionella bacteria at least every six months. After two years of power plant operations, the project owner may ask the Compliance Project Manager (CPM) to re-evaluate and revise the Legionella bacteria testing requirement.	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.	60	Prior to start of			In Progress
HAZ	1	All	Annual	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.	N/A	N/A			Not Started
HAZ	2	Constr		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). The project owner shall include all recommendations of the City of Hayward Fire Department and the CPM in the final documents. A copy of the final plans, including all comments, shall be provided to the City of Hayward and the CPM once EPA approves the RMP.	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.	60	Prior to construction of			In Progress
HAZ	4	Comm		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. The aqueous ammonia tanker truck transfer pad shall be designed so that any spill drains to the covered secondary containment structure. The final design drawings and specifications for the ammonia storage tank, the tanker truck transfer pad, and secondary containment basin 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 and specifications for the ammonia storage tank, the tanker truck transfer pad, and secondary containment basin(s) to the CPM for review and approval.	60	Prior to delivery			In Progress

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HAZ	5	Comm		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.	60	Prior to delivery	6/29/2012	7/12/2012	Complete
HAZ	8	Constr		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.	30	Prior to intial gas flow	7/31/2012	8/1/2012	Complete
HAZ	8	Ops			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.	N/A	N/A	N/A	N/A	Complete
HAZ	9	Constr		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.	30	Prior to intial gas flow	7/31/2012	8/1/2012	Complete
HAZ	9	Ops			This plan shall be amended, as appropriate, and submitted to the CPM for review and approval, at least every five years.	N/A	N/A	N/A	N/A	Complete
HAZ	11	Comm		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.	60	Prior to delivery	7/16/2012		Submitted
HAZ	13	Comm		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. The Vulnerability Assessment shall be prepared according to guidelines issued by the North American Electrical Reliability Council (NERC 2002), the U.S. Department of Energy (DOE 2002), and the U.S. Department of Homeland Security regulations published in the Federal Register (Interim Final Rule 6 CFR Part 27). Physical site security shall be consistent with the guidelines issued by the NERC (Version 1.0, June 14, 2002), the U. S. Department of Homeland Security (6 CFR Part 27), and the DOE (2002) and will also be based, in part, on the use, storage, and quantity of hazardous materials present at the facility. The project owner shall also prepare a site-specific Security Plan for the operational phase that shall be made available on-site to the CPM for review and approval. The project owner shall implement site security measures addressing physical site security and hazardous materials storage. The level of security to be implemented will be determined by the results of the Vulnerability Assessment but in no case shall the level of security be less than that described as below (as per NERC 2002). The Operation Security Plan shall include the following: 1. Permanent full perimeter fence or wall, at least 8 feet high; 2. Main entrance security gate, either hand operable or motorized; 3. Evacuation procedures; 4. Protocol for interfacing with local, state, and federal law enforcement, contacting law enforcement and the CPM in the event of suspicious activity or emergency, and participating in emergency response in the event of a terrorist attack upon the power plant; 5. Written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on-site or off-site; 6. a. A statement (refer to sample, attachment "A") signed by the project owner certifying that background investigations have been conducted on all project personnel. Background investigations shall be restricted to ascertain the accuracy of employee identity and employment history, and shall be conducted in accordance with state and federal law regarding security and privacy; b. A statement(s) (refer to sample, attachment "B") signed by the contractor or authorized representative(s) for any permanent contractors or other technical contractors (as determined by	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.	30	Prior to delivery			In Progress
SAFETY	1	Pre-con		The Construction Fire Protection and Prevention Plan and Emergency Action Plan shall be submitted to the City of Hayward Fire Department for review and comment prior to submittal to the CPM.	The project owner shall provide a letter from the City of Hayward Fire Department stating that they have reviewed and commented on the Construction the Construction Fire Protection and Prevention Plan and the Emergency Action Plan.	N/A	N/A	8/23/2010	N/A	Complete
SAFETY	2	Comm		The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program containing the following: an Operation Injury and Illness Prevention Plan; an Emergency Action Plan; Hazardous Materials Management Program; Fire Protection and Prevention Program (8 CCR § 3221); and; Personal Protective Equipment Program (8 CCR §§ 3401-3411). The Operation Fire Protection Plan and the Emergency Action Plan shall also be submitted to the City of Hayward Fire Department for review and comment.	At least 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.	30	Prior to commercial operation			Not Started
BIO	2	Constr	Monthly	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.	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.	N/A	N/A	Various	N/A	Ongoing
BIO	2	Ops	Annual		During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report.	N/A	N/A			Not Started

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BIO	3	All		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. If required by the Designated Biologist, the project owner's Construction/Operation Manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall: 1. Require a halt to all activities in any area when determined that there would be adverse impact to biological resources if the activities continued; 2. Inform the project owner and the Construction/Operation Manager when to resume activities; and 3. Notify the CPM if there is a halt of any activities, and advise the CPM of any corrective actions that have been taken, or will be instituted, as a result of the halt.	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.	1	After discovery			Ongoing
BIO	3	All			Whenever corrective action is taken by the project owner, a determination of success or failure will be made by the CPM within five working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made.	5	After receipt			Ongoing
BIO	4	Constr			The project owner shall notify the CPM five (5) working days before implementing any CPM approved modifications to the BRMIMP.	5	Prior to proposed change			Ongoing
BIO	4	Comm			Within 30 days after completion of project construction, the project owner shall provide to the CPM for review and approval, a written report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which mitigation and monitoring plan items are still outstanding.	30	After completion			Not Started
BIO	5	Constr	Monthly		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.	N/A	N/A	Various	N/A	Ongoing
BIO	5	Ops			During project operation, signed statements for active project operational personnel shall be kept on file for the duration of their employment and for six months after their termination.	N/A	N/A	N/A	N/A	Not Started
BIO	11	Closure		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.	365	Prior to closure			Not Started
BIO	13	Constr		Bird flight diverters will be placed on all overhead ground wires associated with the RCEC power plant. • During construction of the RCEC transmission line, bird flight diverters will be installed to manufacturer's specification. Energy Commission staff, in consultation with the USFWS and CDFG, will provide final approval of the bird flight diverter to be installed. Staff recommends that the Swan Flight Diverter be given careful consideration when making a decision about which diverter is to be installed.	No less than 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.	7	Prior to energization	7/16/2012		Submitted
SW	1	Constr	Monthly		The project owner shall provide in the monthly compliance report a narrative on the effectiveness of the drainage, erosion and sediment control measures; the results of monitoring and maintenance activities; and the dates of any dewatering activities.	N/A	N/A	Various	Various	Ongoing
SW	3	Ops		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 Industrial SWPPP shall abide by the City of Hayward's Stormwater Management and Urban Runoff Control Ordinances (Chapter 11, Article 5) set forth in NPDES Permit No. CA0029831.	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. The project owner shall submit copies to the CPM of all correspondence between the project owner and the City about the City's Stormwater Management and Urban Runoff Control Ordinances and the General NPDES permit for the Discharge of Stormwater Associated with Industrial Activity within 10 days of its receipt or submittal. The Industrial SWPPP shall include a copy of the Notice of Intent for the project.	10	After receipt			Not Started
SW	4	Constr		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. However, potable water may be used for cooling and process purposes in excess of 45 days per calendar year if an unavoidable interruption of the Title 22 RWF supply is due to an Act of God, a natural disaster, an unforeseen emergency or other unforeseen circumstance outside the control of the project owner. If one of the aforementioned unavoidable interruptions should occur, the CPM, project owner and the City of Hayward shall confer and determine how best to restore the Title 22 RWF supply as soon as practicable. Potable water used for domestic purposes shall be metered separately from potable water used for cooling and process water supply. The project owner will notify the CPM in writing if potable water is used for cooling or process purposes and provide an explanation of why the back-up supplies are being used. The RCEC will use tertiary recycled water for all non-potable uses including landscape irrigation. The RCEC will comply with requirements of Title 22 and Title 17 California Code of Regulations. Prior to the use of recycled water for any purpose, the owner shall submit a Title 22 Engineering Report that has been approved by the Department of Health Services (DHS) and the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). The project owner shall prepare and submit to the CPM an annual summary that will include the monthly range and monthly average of daily water usage in gallons per day, and total water (range and average) used by the project on a monthly and annual basis in acre-feet. The annual summary shall distinguish sources (recycled or potable) and the uses (cooling, process, domestic, etc.) of the specified source. The project owner will obtain copies of project water use records derived from the City of Hayward's recycled and potable revenue meters.	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. The recycled water supply and distribution system design shall be included in the final design drawings submitted to the CBO as required in Condition of Certification Civil 1. The Engineering Report for the Production, Distribution and Use of Recycled Water shall be prepared in accordance with Title 22 and Title 17 of the California Code of Regulations, the Health and Safety Code, and the Water Code. The project owner shall comply with any reporting and inspection requirements set forth by DHS and the SFRWQCB to fulfill statutory requirements.	N/A	Prior to use of			In Progress
SW	4	All			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.	60	Prior to proposed change			Not Started
SW	4	All			The project owner shall submit copies to the CPM of all correspondence between themselves and DHS or the SFRWQCB within 10 days of receipt or submittal.	10	After receipt			In Progress

Technical Area	No.	Facility Status	Report	Condition of Certification	Compliance Verification	Timeframe	Submittal Required	Date Submitted	Date Approved	Status
SW	4	Ops	Annual		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.	N/A	N/A			Not Started
SW	6	Constr			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. The Recycled Water Supply Agreement will include the Master Discharge Permit from the SFBRWQCB for the production and delivery of recycled water by the WPCF.	N/A	Prior to use of	6/27/2012		Submitted
SW	6	All			The project owner shall submit any notice of violations from the City to the CPM within ten (10) days of receipt and fully explain the corrective actions taken in the annual compliance report.	10	After receipt			Not Started
SW	6	All			The project owner shall submit any notice of violation of the agreements' terms and conditions to the CPM within ten (10) days of receipt and shall fully explain the corrective actions taken in the next monthly compliance report or annual compliance report, as appropriate.	10	After receipt			Not Started
SW	6	Ops			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.	N/A	N/A			Not Started
SW	7	Comm		The project owner shall provide evidence of submittal of as-built plans to City of Hayward in order to obtain a final letter of map revision (LOMR).	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).	60	After completion			Not Started
SW	9	Comm		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 in accordance with Municipal Code Section 11, Article 3 and any other service agreements with the City for discharge to the City's sanitary sewer system.	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.	60	Prior to commercial operation			In Progress
SW	9	Ops	Annual	During operation, any monitoring reports provided to the City shall be provided to the CPM.	During operations, the project owner shall submit any water quality monitoring required by the City to the CPM in the annual compliance report.	N/A	N/A			Not Started
SW	9	Ops	Annual	The CPM shall be notified of any violations of discharge limits or amounts.	The project owner shall submit any notice of violations from the City to the CPM within ten (10) days of receipt and fully explain the corrective actions taken in the annual compliance report.	10	After receipt			Not Started
CUL	1	Constr			(4) At least 10 days prior to a termination or release of the CRS, or within 3 days after resignation of the CRS, the project owner shall submit the resume of the proposed new CRS to the CPM for review and approval. If there is no alternate CRS in place to conduct the duties of the CRS, a previously approved monitor may serve in place of a CRS so that construction may continue up to a maximum of 3 days without a CRS. If cultural resources are discovered, then construction will remain halted until there is a CRS or alternate CRS to make a recommendation regarding significance.	10	Prior to proposed change			Ongoing
CUL	1	Constr			If additional monitors are obtained during the project, the CRS shall provide additional letters to the CPM, identifying the monitor and attesting to the monitor's qualifications. The letter shall be provided one week prior to the monitor beginning on-site duties.	7	Prior to start of	Various	Various	Ongoing
CUL	2	Constr		(3) At a minimum, the CRS shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked during the next week, until ground disturbance is completed.	(3) If there are changes to the scheduling of the construction phases of the project, a letter shall be submitted to the CPM within 5 days of identifying the changes.	5	Prior to proposed change	Various	N/A	Ongoing
CUL	2	Constr	Monthly	A current schedule of anticipated project activity shall be provided to the CRS on a weekly basis during ground disturbance and provided to the CPM in each Monthly Compliance Report (MCR).	A copy of the current schedule of anticipated project activity shall be submitted in each MCR.	N/A	N/A	Various	Various	Ongoing
CUL	3	Constr			The CRR shall be submitted to the CPM within 90 days after completion of ground disturbance (including landscaping) for review and approval.	90	After completion			Not Started
CUL	3	Constr			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.	10	After approval			Not Started
CUL	4	Constr	Monthly	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. The training may be presented in the form of a video. The training shall include a discussion of applicable laws and penalties under the law. Training shall also include samples or visuals of artifacts that might be found in the project vicinity and the information that the CRS, alternate CRS or monitor has the authority to halt construction in the event of a discovery or unanticipated impact to a cultural resource. The training shall also instruct employees to halt or redirect work in the vicinity of a find and to contact their supervisor and the CRS or monitor. An informational brochure shall be provided that identifies reporting procedures in the event of a discovery. Workers shall sign an acknowledgement form that they have received training and a sticker shall be placed on hard hats provided indicating that environmental training has been completed.	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.	N/A	N/A	Various	N/A	Ongoing
CUL	6	Constr	Monthly	(1) Monitors shall keep a daily log of any monitoring or cultural resource activities and the CRS shall prepare a weekly summary report on the progress or status of cultural resources-related activities. The CRS may informally discuss cultural resource monitoring and mitigation activities with Energy Commission technical staff.	(1) 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.	N/A	N/A	Various	N/A	Ongoing
CUL	6	Constr		(2) The CRS shall notify the project owner and the CPM, by telephone or email, of any incidents of non-compliance with any cultural resources conditions of certification within 24 hours of becoming aware of the situation. The CRS shall also recommend corrective action to resolve the problem or achieve compliance with the conditions of certification. (3) Cultural resources monitoring activities are the responsibility of the CRS. Any interference with monitoring activities, removal of a monitor from duties assigned by the CRS or direction to a monitor to relocate monitoring activities by anyone other than the CRS shall be considered non-compliance with these conditions of certification.	(2) Within 24 hours of recognition of a non-compliance issue, the CRS shall notify the CPM by telephone of the problem and of actions underway to resolve the problem. The telephone call shall be followed by an e-mail or fax detailing the non-compliance issue and the measures necessary to achieve resolution of the issue. Daily logs shall include forms detailing any instances of non-compliance with conditions of certification.	1	After discovery			Ongoing
CUL	6	Constr		(4) A Native American monitor shall be obtained, at a minimum on an on call basis, to monitor ground disturbance in areas where Native American artifacts may be discovered as identified by the CRS. Informational lists of concerned Native Americans and Guidelines for monitoring shall be obtained from the Native American Heritage Commission. Preference in selecting a monitor shall be given to Native Americans with traditional ties to the area that will be monitored.	(3) One week prior to ground disturbance in areas where there is a potential to discover Native American artifacts, the project owner shall send notification to the CPM identifying the person(s) retained at a minimum, an on-call basis to conduct Native American monitoring. If efforts to obtain the services of a qualified Native American monitor are unsuccessful, the project owner shall immediately inform the CPM who will initiate a resolution process.	7	Prior to ground disturbance			Ongoing

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CUL	6	Constr		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. In the event that the CRS determines that full-time monitoring is not necessary in certain locations, a letter or e-mail providing a detailed justification for that decision to reduce the level of monitoring shall be provided to the CPM for review and approval prior to any reduction in monitoring.	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.	N/A	N/A	Various		Ongoing
CUL	6	Constr	Monthly		In the event of a non-compliance issue, a report written no sooner than two weeks after resolution of the issue that describes the issue, resolution of the issue and the effectiveness or the resolution measures, shall be provided in the next MCR.	14	After resolution			Ongoing
CUL	7	Pre-con		Prior to any form of debris removal, ground clearing, or grading at the Aladdin Parcel, Tompkins 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. The project owner shall ensure that the CRS, alternate CRS, or CRM(s) monitors full time (one person monitoring each large piece of machinery) during the removal of old vehicles, storage containers, gravel, debris, and overburden and during grading at the Aladdin Parcel, Tompkins Parcel, Zanette Parcel, Chess Parcel, at Transmission Line Route Alternative 1 locations where ground disturbance is likely, and along Transmission Line Route Alternative 2. If there is a discovery during the removal process, then the Cultural Resources conditions of certification shall apply. After removal of the various kinds of debris obscuring the ground surface, the CRS shall examine cleared ground as it is revealed, or conduct or oversee an archaeological pedestrian survey of the project site and linear locations not previously surveyed. If there is a discovery during the examination or survey, then the Cultural Resources conditions of certification shall apply.	One week prior to any form of debris removal, ground clearing or grading at the Aladdin Parcel, Tompkins 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.	7	Prior to mobilization	8/23/2010	N/A	Complete
GEO	1	Constr			If the Engineering Geologist(s) is subsequently replaced, the project Owner shall submit for approval the name(s), resume(s) and license number(s) of the newly assigned Engineering Geologist(s) to the CPM. The CPM will notify the project Owner of its findings within 15 days of receipt of the notice of personnel change.	15	Prior to proposed change			Ongoing
GEO	2	Constr			(2) 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.	90	After completion			Not Started
PAL	1	Constr			At least 10 days prior to the termination or release of a designated Paleontologic Resource Specialist, the Project Owner shall obtain CPM approval of the replacement specialist by submitting to the CPM the name and resume of the proposed new designated Paleontologic Resource Specialist.	10	Prior to proposed change			Ongoing
PAL	1	Constr			Should emergency replacement of the designated specialist become necessary, the Project Owner shall immediately notify the CPM to discuss the qualifications of its proposed replacement specialist.	1	Prior to proposed change			Ongoing
PAL	3	Constr	Monthly		Documentation for training of additional new employees shall be provided in subsequent Monthly Compliance Reports.	N/A	N/A	Various	N/A	Ongoing
PAL	4	Constr	Monthly	The designated Paleontologic Resource Specialist or designee shall be present at all times he or she deems appropriate to monitor construction-related grading, excavation, trending, and/or auguring in areas where potentially fossil-bearing sediments have been identified. If the designated Paleontologic Resource Specialist determines that full-time monitoring is not necessary in certain portions of the project area or along portions of the linear facility routes, the designated specialist shall notify the Project Owner.	The Project Owner shall include in the Monthly Compliance Reports a summary of paleontologic activities conducted by the designated Paleontologic Resource Specialist.	N/A	N/A	Various	N/A	Ongoing
PAL	5	Constr		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. The Project Owner shall maintain these files for a period of three years after completion and approval of the CPM-approved Paleontologic Resources Report and shall keep these files available for periodic audit by the CPM.	N/A	N/A			Ongoing
PAL	6	Constr		The Project Owner shall ensure preparation of a Paleontologic Resources Report by the designated Paleontologic Resource Specialist. The Paleontologic Resources Report shall be completed following completion of the analysis of the recovered fossil materials and related information. The Project Owner shall submit the paleontologic report to the CPM for approval.	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.	90	After completion	3/27/2012		Ongoing
PAL	7	Closure		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. If no activities are proposed that would potentially impact paleontologic resources, then no mitigation measures for paleontologic resource management are required in the facility closure plan.	The Project Owner shall include a description of closure activities described above in the facility closure plan.	N/A	N/A			Not Started
WASTE	1	All		Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed.	10	After notification			Ongoing
WASTE	2	Ops		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 plans shall contain, at a minimum, the following: A description of all waste streams, including projections of frequency, amounts generated and hazard classifications; and Methods of managing each waste, including treatment methods and companies contracted with for treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/reduction plans.	The Operation Waste Management Plan shall be submitted no less than 30 days prior to the start of project operation for approval.	30	Prior to commercial operation			Not Started
WASTE	2	Ops			The project owner shall submit any required revisions within 20 days of notification by the CPM (or mutually agreed upon date).	20	After notification			Not Started
WASTE	2	Ops	Annual		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.	N/A	N/A			Not Started

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WASTE	4	Constr		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. Depending on the nature and extent of contamination, the Registered Professional Engineer or Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If, in the opinion of the Registered Professional Engineer or Geologist, significant remediation may be required, the project owner shall contact representatives of the San Francisco Bay Regional Water Quality Control Board, City of Hayward Fire Department Hazardous Materials Office, and the Berkeley Regional Office of the California Department of Toxic Substances Control for guidance and possible oversight.	The project owner shall submit any reports filed by the Registered Professional Engineer or Geologist to the CPM within 5 days of their receipt.	5	After receipt	Various	Various	Ongoing
WASTE	5	Ops		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 months apart, show that the sludge is non-hazardous, the project owner may apply to the CPM to discontinue testing.	N/A	N/A			Not Started
WASTE	7	All	Monthly	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.	N/A	N/A	9/15/2010	N/A	Ongoing
WASTE	8	Comm			At least 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.	30	Prior to commercial operation			In Progress
WASTE	11	Closure		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 also file a Covenant and Environmental Restriction on Property with the San Francisco Bay Regional Water Quality Control Board identifying any hazardous materials, wastes, constituents, or substances that would remain at the property after closure of the power plant at levels that are not suitable for unrestricted use of the land.	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 30 days prior to plant closure or sale of property.	30	Prior to closure			In Progress
WASTE	12	Constr		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.	N/A	N/A			In Progress
NOISE	1	Pre-con	Monthly	At least 15 days prior to the start of ground disturbance, 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, by mail or other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours per day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction in a manner visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	The project owner shall transmit to the Energy Commission Compliance Project Manager (CPM) in the first Monthly Construction Report following the start of construction, a statement, signed by the project manager, attesting that the above notification has been performed, and describing the method of that notification. This statement shall also attest that the telephone number has been established and posted at the site.	N/A	N/A	8/24/2010	N/A	Complete
NOISE	2	All		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 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.	30	After receipt	Various	Various	Ongoing
NOISE	2	All			If mitigation is required to resolve a complaint and the complaint is not resolved within a 30-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is finally implemented.	30	After resolution			Ongoing
NOISE	4	Comm		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 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.	15	Prior to start of			Not Started
NOISE	5	Comm		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. The notification may be in the form of letters to the area residences, telephone calls, fliers or other effective means. The notification shall include a description of the purpose and nature of the steam or air blow(s), the proposed schedule, the expected sound levels, and the explanation that it is a one-time operation and not a part of normal plant operations.	Within five (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.	5	After notification			Not Started
NOISE	6	Ops		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. Included shall be a sound wall along the southern edge of the project site. No new pure tone components may be introduced. No single piece of equipment shall be allowed to stand out as a source of noise that draws legitimate complaints. Steam relief valves shall be adequately muffled to preclude noise that draws legitimate complaints.	Within 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.	30	After completion			Not Started
NOISE	6	Ops			Within 30 days of completion of installation of these measures, the project owner shall submit to the CPM a summary report of a new noise survey, performed as described above and showing compliance with this condition.	30	After completion			Not Started
NOISE	7	Ops		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. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. The project owner shall prepare a report of the survey results and, if necessary, identify proposed mitigation measures that will be employed to comply with the applicable California and federal regulations.	Within 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.	30	After completion			Not Started

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NOISE	8	Constr	Monthly	Heavy equipment operation and noisy construction work shall be restricted to the times of day delineated below: • Monday-Saturday 7:00 a.m. to 7:00 p.m. • Sundays and holidays 10:00 a.m. to 6:00 p.m.	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.	N/A	N/A	9/15/2010	N/A	Complete
TRANS	1	Constr			Additionally, every 4 months during construction the project owner shall submit turning movement studies for the intersection at Enterprise Avenue and Clawiter Road during the A.M. (7:30 to 8:30 a.m.) and P.M. (4:30 to 5:30 p.m.) peak hours to confirm that construction trip generation rates identified in the AFC and used to determine less than significant impacts to City of Hayward streets and are not being exceeded.	N/A	N/A			Ongoing
TRANS	4	Constr		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 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.	30	Prior to commercial operation			Not Started
TRANS	6			The degree of rehabilitation is dependent on a condition inspection by the City Engineer after completion of the RCEC project.	If required, the project owner shall resurface Enterprise Avenue and Clawiter Road in accordance with City of Hayward standards.	N/A	N/A			Not Started
TRANS	9	Constr	Monthly	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). In addition, the project owner shall retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	N/A	N/A	Various	N/A	Ongoing
TRANS	10	Constr		1. Request that a Notice to Airman (NOTAM), Category D, be issued advising pilots of the location of the RCEC and maintained in active status until all navigation charts and the Airport Facilities Directory (AFD) have been updated;		N/A	N/A	6/27/2012	7/20/2012	Complete
TRANS	10	Constr		2. Request that the Hayward Executive Airport Air Traffic Control Tower (ATCT) coordinate with the Northern California Terminal Radar Approach Control to ensure that local missed approach instructions preclude the vectoring of aircraft over the RCEC;	At least sixty 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.	60	Prior to first fire	6/27/2012	7/20/2012	Complete
TRANS	10	Constr		3. Request that the FAA insert a power plant depiction symbol at the RCEC site location on the San Francisco VFR Terminal Area Chart (scale: 1:250,000);	At least six 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.	180	Prior to first fire	6/27/2012	7/20/2012	Complete
TRANS	10	Constr		4. Request that the Hayward ATCT add a new remark to the Automatic Terminal Information Service (ATIS) advising pilots of the location of the RCEC and to avoid overflight below 1,000 feet; 5. Deleted.	At least thirty 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.	30	Prior to first fire	6/27/2012	7/20/2012	Complete
TRANS	10	Constr		6. Request that the Hayward Executive Airport submit aerodrome remarks describing the general location of the RCEC plant and advising against direct overflight of the RCEC plant to: • the FAA National Aeronautical Charting Office (Airport/Facility Directory, Southwest United States); • Jeppesen Sanderson Inc. (JeppGuide Airport Directory, Western Region); and • Airguide Publications (Flight Guide, Western States);	At least sixty 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.	60	Prior to first fire	6/27/2012	7/20/2012	Complete
TRANS	10	Constr		7. Modify the Hayward Executive Airport "fly friendly" pilot guides at the project owner's expense to include: a graphical/pictorial depiction of the RCEC site, bearing and distance to the site from airport center and the OAKLAND VORTAC, latitude and longitude of the RCEC center point and the recommendation to avoid overflight of the site below 1,000 feet to avoid potentially unstable flight conditions;	At least thirty 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.	30	Prior to first fire			In Progress
TRANS	10	Comm		8.	The lighting shall be inspected and declared operational by the CPM (or designate inspector) prior to the start of operations.	N/A	Prior to commercial operation			Not Started
TRANS	10	Comm		9. Provide the Hayward Executive Airport and the Metropolitan Oakland International Airport Air Traffic Control Towers written notice at least 10 days in advance of the first test or commissioning procedure that would produce a thermal plume, provide verbal notification 2 hours in advance of any subsequent test or commissioning procedure, and 10 days written notice prior to the start of commercial operations.	The project owner shall provide simultaneously to the CPM copies of all advisories sent to the Hayward and Oakland Air Traffic Control Towers.	10	Prior to first fire			Not Started
VIS	1	Pre-con			If the CPM notifies the project owner that any revisions of the plan are needed before the CPM would approve the plan, within 30 days of receiving that notification, the project owner shall submit to the CPM a revised plan.	30	After notification	N/A	N/A	Complete
VIS	1	Constr			The project owner shall notify the CPM within seven days after installing the screening that the screening is ready for inspection.	7	After completion	7/21/2011	N/A	Complete
VIS	1	Comm		• All evidence of construction activities, including ground disturbance due to staging and storage areas shall be removed and remediated upon completion of construction. Any vegetation removed in the course of construction would be replaced on a 1-to-1 in-kind basis. Such replacement planting would be monitored for a period of three years to ensure survival. During this period, all dead plant material shall be replaced.	The project owner shall notify the CPM within seven days after completing the surface restoration that the areas disturbed during construction are ready for inspection.	7	After completion			Not Started
VIS	2	Constr		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 60 days prior to installing the landscaping, the project owner shall submit the landscape plan to the CPM for review and approval.	60	Prior to first fire	3/28/2012		Submitted
VIS	2	Constr			If the CPM notifies the project owner that revisions of the submittal are needed before the CPM would approve the submittal, within 30 days of receiving that notification, the project owner shall prepare and submit to the CPM a revised submittal.	30	After notification			Not Started
VIS	2	Constr			The project owner shall notify the CPM within seven days after completing installation of the landscape screening that the planting and irrigation system are ready for inspection.	7	After completion			Not Started
VIS	2	Ops	Annual		The project owner shall report landscape maintenance activities, including replacement of dead vegetation, for the previous year of operation in the Annual Compliance Report.	N/A	N/A			Not Started
VIS	3	Constr			Prior to first turbine roll, the project owner shall notify the CPM that all buildings and structures are ready for inspection.	N/A	After completion			Not Started
VIS	3	Constr			If required, the project owner shall provide the CPM with a revised plan within 30 (thirty) days of receiving notification that revisions are needed.	30	After notification	N/A	N/A	Complete
VIS	3	Ops	Annual		The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.	N/A	N/A			Not Started

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VIS	4	Constr		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. To meet these requirements the project owner shall ensure that: 1) Lighting is designed so exterior light fixtures are hooded, with lights directed downward or toward the area to be illuminated and so that backscatter to the nighttime sky is minimized. The design of this outdoor lighting shall be such that the luminescence or light source is shielded to prevent light trespass outside the project boundary; 2) Non-glare light fixtures shall be specified; 3) All lighting shall be of minimum necessary brightness consistent with worker safety; 4) High illumination areas not occupied on a continuous basis (such as maintenance platforms) shall have switches or motion detectors to light the area only when occupied; 5) Parking lot lighting shall be provided in accordance with the City of Hayward Security Standards Ordinance; and 6) A lighting complaint resolution form (following the general format of that in Appendix VR-3) shall be used by plant operations, to record all lighting complaints received and to document the resolution of those complaints. All records of lighting complaints shall be kept in the onsite compliance file. The project owner shall notify the CPM when the lighting has been installed. If after inspecting the lighting the CPM notifies the project owner that modifications to the lighting are needed to minimize impacts, the project owner shall perform the necessary modifications.	Prior to the first turbine roll, the project owner shall notify the CPM that the lighting is ready for inspection.	N/A	Prior to first fire			Not Started
VIS	4	Constr			If the CPM notifies the project owner that modifications to the lighting are needed, within thirty days of receiving that notification the project owner shall implement the modifications.	30	After notification			Not Started
VIS	5	Constr			The project owner shall notify the CPM within seven days after completing installation of the fencing that the fencing is ready for inspection.	7	After notification			Not Started
VIS	5	Constr			If the CPM notifies the project owner that revisions of the submittal are needed before the CPM would approve the submittal, within 30 days of receiving that notification, the project owner shall prepare and submit to the CPM a revised submittal.	30	After notification	N/A	N/A	Ongoing
VIS	6	Constr		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 60 days prior to installing signage, the project owner shall submit the plan to the CPM for review and approval.	60	Prior to start of installation			Not Started
VIS	6	Constr			If the CPM notifies the project owner that revisions of the plan are needed before the CPM would approve the submittal, within 30 days of receiving that notification, the project owner shall prepare and submit to the CPM a revised submittal.	30	After notification			Not Started
VIS	8	Constr		The project owner shall reduce the RCEC cooling tower and HRSG visible vapor plumes by the following methods: • The project owner shall reduce the RCEC cooling tower visible plumes through the use of a plume abated wet/dry cooling tower that has a stipulated plume abatement design point of 38°F and 80 percent relative humidity. An automated control system would be used to ensure that plumes are abated to the maximum extent possible for the stipulated design point.	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.	30	Prior to first fire			In Progress
VIS	9	Constr		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. The project owner shall work with the Hayward Area Recreation and Parks District (HARD) to develop the final designs for these facilities. As part of this measure, the project owner shall provide the HARD with an adequate budget that would allow its Staff to research and prepare the interpretive materials to be mounted on the kiosk and panels. The project owner shall determine the precise location of the trailside amenities in consultation with the CPM and the HARD.	Within 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.	365	After start of			In Progress
VIS	9	Constr			If the CPM notifies the project owner that revisions are needed before the CPM would approve the plan, within 30 days of receiving that notification the project owner shall submit a revised plan to the CPM.	30	After notification			Not Started
VIS	9	Constr			Not less than thirty 30 days prior to the first turbine roll, the project owner shall notify the CPM that the trailside amenities are ready for inspection.	30	Prior to first fire			Not Started
VIS	10	Pre-con			If the CPM notifies the project owner that revisions of the submittal are needed before the CPM would approve the submittal, within 30 days of receiving that notification, the project owner shall prepare and submit to the CPM a revised submittal.	30	After notification	N/A	N/A	Complete
VIS	10	Constr			The project owner shall notify the CPM within seven days after completing installation of the landscape screening that the planting and irrigation system are ready for inspection.	7	After completion			Not Started
VIS	10	Ops	Annual		The project owner shall report landscape maintenance activities, including replacement of dead vegetation, for the previous year of operation in the Annual Compliance Report.	N/A	N/A			Not Started
VIS	11	Constr	Monthly	4) A lighting complaint resolution form (following the general format of that in Appendix VR-3, of the Amendment No. 1 Staff Assessment shall be maintained by plant construction management, to record all lighting complaints received and to document the resolution of that complaint.	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.	N/A	N/A			Ongoing
VIS	11	Constr			If the CPM notifies the project owner that modifications to the lighting are needed, within 30 (thirty) days of receiving that notification the project owner shall implement the necessary modifications and notify the CPM that the modifications have been completed.	30	After notification			Ongoing