URS

July 14, 2011

Mr. Dale Rundquist
Compliance Project Manager
California Energy Commission (MS-2000)
1516 Ninth Street
Sacramento, CA 95814

Subject: CPV Sentinel Energy Project
Docket No. 07-AFC-3C
Monthly Compliance Report – Number 7
June 2011

Dear Mr. Rundquist:

Enclosed please find the Monthly Compliance Report – Number 7 for the CPV Sentinel Energy Project for the month of June 2011. If you have any questions, please feel free to contact me at (714) 648-2759.

Sincerely,

Maggie Fitzgerald
Site Compliance Manager

cc: Project File

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CPV SENTINEL ENERGY PROJECT

MONTHLY COMPLIANCE REPORT – NUMBER 7

Report Period: June 2011

Submitted to

California Energy Commission
Energy Facilities Siting and
Environmental Protection Division
1516 9th Street
Sacramento, California 95814-5512

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Appendices

1.0 CURRENT PROJECT CONSTRUCTION STATUS

This section of the monthly compliance report addresses the progress of the CPV Sentinel Energy Project construction activities.

Construction activities began this month. The updated construction schedule is included as Figure 1 of this report. There have been no significant changes to the construction schedule since the previous monthly report. A key events list is provided in Appendix A of this report. There have been no changes to the key events list since the previous monthly report.

1.1 Construction Activities

On-site construction activities for this reporting period included the following:

- Initial site mobilization;
- Commence construction on Melissa Lane;
- Install silt fence/"critter barrier" and performed small mammal trapping in Fire Pump foundation area;
- Clearing, grubbing and initial civil activities in Fire Pump foundation area;
- Commence construction on Fire Pump foundation; and,
- Complete installation of Fire Pump foundation.

On June 28, 2011, the California Energy Commission (CEC) Compliance Project Manager (CPM) made a site visit.

2.0 COMPLIANCE MATRIX

An updated copy of the CEC Compliance Matrix is included with this report in Appendix A. As requested, fully satisfied conditions of certification (COCs) are not included in the matrix after they have been reported complete.

3.0 REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT

3.1 CBO Documentation

Documentation for CBO related activities for this reporting period are included as Appendix B of this report. The required documentation includes:

- Copies of all transmittal letters for submittals made to the CBO for this reporting period;
- Copies of all approvals received from the CBO during this reporting period;
- Updated CBO submittal and drawing list; and

- A copy of the CBO payment receipt for this reporting period.

3.2 Worker Environmental Awareness Program Training

Worker Environmental Awareness Program (WEAP) training was conducted for all on-site workers as they were brought onto the project. Appendix C includes all WEAP Training Acknowledgement Forms for this reporting period. During this reporting period 105 workers were trained.

3.3 Worker Safety

The Construction Safety Supervisor (CSS) monthly safety inspection report is included as Appendix D of this report. As specified in WORKER SAFETY-3, the report includes:

- A record of all employees trained for that month (all records shall be kept on-site for the duration of the project);

- A summary report of safety management actions and safety-related incidents that occurred during the month;

- A report of any continuing or unresolved situations and incidents that may pose danger to life or health; and

- A report of accidents and injuries that occurred during the month.

3.4 Biological Resources

As required by the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), site survey reports and a summary of activities completed during this reporting period are included as Appendix E (Biological Resources Monthly Summary Report) of this report.

3.5 Cultural Resources

The designated Cultural Resources Specialist (CRS) and/or Delegate CRS continued communication with Gemma Power Engineers, CPV and URS personnel to ascertain monitoring needs based on construction activities and schedule. Cultural resources monitors (CRMs) were present on-site to monitor the ground-disturbing construction activities for this reporting period. The Cultural Resources Monthly Summary Report is included as Appendix F of this report.

3.6 Paleontological Resources

The designated Paleontological Resources Specialist (PRS) and/or Delegate PRS continued communication with Gemma Power Engineers, CPV and URS personnel to ascertain monitoring needs based on construction activities and schedule. Paleontological resources monitors (PRMs) were present on-site to monitor the ground-disturbing construction activities for this reporting period. The Paleontological Resources Monthly Summary Report is included as Appendix G of this report.

3.7 Air Quality

Documentation demonstrating compliance with the Air Quality Construction Mitigation Plan (AQCMP) and construction fugitive dust control measures for this reporting period is included as Appendix H of this report. It includes the daily AQCMP compliance forms, as required by AQ-SC3 and AQ-SC4.

Diesel-fueled engine control measures documentation for this reporting period is also included in Appendix H of this report, as required by AQ-SC5. This includes:

- Log of long-term and short-term diesel-fueled construction equipment that is on-site;
- Diesel fuel receipts; and
- Letters from on-site heavy equipment contractors new to the project expressing their commitment to compliance with the diesel-fueled engine compliance measures.

Please note that for June there was no short-term diesel-fueled equipment on-site.

4.0 COMPLIANCE REQUIREMENTS COMPLETED DURING THE REPORTING PERIOD

Table 4-1 contains the compliance requirements submitted to the CEC Compliance Project Manager (CPM) during this reporting period. CEC approval is also noted. Items are listed in chronological order of date submitted to CEC. The list of CBO submittals is included in Appendix B.

Table 4-1 Compliance Submittals

COC	Description	Date Due	Date Submitted	CEC Approval Date	Status
AQ-SC1	Additional Air Quality Construction Mitigation Manager (AQCMM) Delegate	As Required	6/6/2011	6/7/2011	Complete
BIO-7.4	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 4. Install silt fencing buried 1-foot deep and attached to a chain-link fence prior to construction to keep burrowing animals from easily tunneling into the site. Examine the fencing at least once a week and repair when necessary. Maintain the fencing until construction is complete (modified from applicant's Mitigation Measure Bio-10);	06/08/11	6/8/2011	6/8/2011	On-going

COC	Description	Date Due	Date Submitted	CEC Approval Date	Status
BIO-7.5	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 5. Following installation of silt fence and prior to ground disturbance, conduct small mammal trapping for five nights in order to capture and relocate as many small mammals from within the project area as possible. Set traps near sign, burrows, or tracks at dusk each day and check at midnight or no later than dawn the next day to ensure no unnecessary deaths occur (modified from applicant's Mitigation Measure Bio-11);	06/08/11	6/8/2011	6/8/2011	On-going
WORKER SAFETY-3.1	Additional Construction Safety Supervisor (CSS)	As Required	6/8/2011	6/22/2011	Complete
CUL-1.3	Additional Cultural Resources Monitor (CRM)	As Required	6/9/2011	6/10/2011	Approved
TRANS-6	Prior to the start of commercial operation, the project owner shall pay to the county of Riverside or designee, the Transportation Uniform Mitigation Fee calculated for the CPV Sentinel Energy Project in accordance to Riverside County Ordinance 673.	TBD	6/9/2011	6/20/2011	Complete
VIS-1.1	The project owner shall treat the surfaces of all project structures and buildings visible to the public so that their colors minimize visual intrusion and contrast by blending with the desert landscape in both color and value; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances.	06/15/11	6/9/2011		Awaiting Approval
CUL-1.3	Additional Cultural Resources Monitors (CRMs)	As Required	6/13/2011	6/13/2011	Approved
BIO-3	Additional Biological Monitor	As Required	6/15/2011	6/16/2011	Approved
BIO-1	Alternate Designated Biology	As Required	6/16/2011	6/16/2011	Approved
AQ-SC1	Additional Air Quality Construction Mitigation Manager (AQCMM) Delegate	As Required	6/23/2011	6/23/2011	Complete
BIO-3	Additional Biological Monitor	As Required	6/27/2011	6/29/2011	Approved

In addition to the above listed submittals, a General Arrangement Refinement was submitted to the CEC on June 6, 2011. It is currently awaiting staff approval.

5.0 DELINQUENT SUBMITTALS

As of the end of the reporting period, there are no delinquent compliance submittals.

6.0 CHANGES TO CONDITIONS OF CERTIFICATION

No changes to any of the COCs occurred during this reporting period.

7.0 FILINGS OR PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES

No filings or permits were issued by other governmental agencies during this reporting period.

8.0 PROJECT COMPLIANCE ACTIVITIES SCHEDULED FOR THE NEXT TWO MONTHS

A summary of the planned submittals over the next two months is included in Table 8-1. The submittals are listed in chronological order of date due to CEC. In the previous monthly compliance report, Table 8-1 included all of the monthly reporting requirements that are to be included in each monthly compliance report for the duration of construction. These items are not listed again in Table 8-1, instead they are included in Table 8-2, On-going Construction Compliance Activities.

Table 8-1 Planned Submittals for July and August 2011

COC	Description	Verification Summary	Date Due to CEC
BIO-7.4*	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 4. Install silt fencing buried 1-foot deep and attached to a chain-link fence prior to construction to keep burrowing animals from easily tunneling into the site. Examine the fencing at least once a week and repair when necessary. Maintain the fencing until construction is complete (modified from applicant's Mitigation Measure Bio-10);	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	07/13/11
BIO-7.5*	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 5. Following installation of silt fence and prior to ground disturbance, conduct small mammal trapping for five nights in order to capture and relocate as many small mammals from within the project area as possible. Set traps near sign, burrows, or tracks at dusk each day and check at midnight or no later than dawn the next day to ensure no unnecessary deaths occur (modified from applicant's Mitigation Measure Bio-11);	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	07/13/11
TLSN-1	The project owner shall ensure that the proposed transmission lines are constructed according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2. High Voltage Electrical Safety Orders, Sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF-reduction guidelines.	The project owner shall submit to the Compliance Project Manager (CPM) a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the condition.	08/01/11
SOIL& WATER-3.1	The project owner shall construct and operate up to five onsite groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordnance 682, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well.	Verification: The project owner shall do all of the following: 1. No later than 30 days prior to the construction of the onsite water supply wells, the project owner shall submit two (2) copies to the CPM of the water well construction packet submitted to the County of Riverside. 2. No later than 15 days prior to the construction of the onsite water supply wells, the project owner shall submit two (2) copies of the written concurrence document from the County of Riverside indicating that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program .	08/15/11

* For Project Site (fire pump foundation area completed in June):

Appendix B contains the list of anticipated CBO submittals for the project.

Table 8-2 lists the on-going construction compliance activities.

Table 8-2 On-going Construction Compliance Activities

COC	Description Summary
AQ-SC3	AQCMP documentation for dust control measures
AQ-SC4	Dust plume response
AQ-SC5	Diesel-fueled engine control
BIO-2	Biological Resources monthly summary report
BIO-6	Implementation of BRMIMP
BIO-7	Impact Avoidance Mitigation Measures
BIO-8	Mitigation Management to Avoid Harassment or Harm
BIO-5 CUL-5 PAL-4	WEAP training for all on-site workers
CUL-2	Weekly report from CRS to CPM of anticipated construction activities for the following week
CUL-3	CRMMP implementation
CUL-6	Cultural Resources monthly monitoring summary report
GEN-2.2 TSE-1.2	Project construction schedule updates
GEN-3.2	CBO Payment receipts
GEN-6.2 GEN-7.1 MECH-1.2 MECH-2.2 STRUC-4.2	Documenting of all CBO approvals (special inspections, CBO inspections, plan checks, corrective actions, submittals, and all other CBO approvals) and CBO submittal transmittal letters.
PAL-3	PRMMP implementation
PAL-5	Paleontological Resources monthly monitoring summary report
WORKER SAFETY-3.2	CSS monthly safety inspection report

9.0 LISTING OF THE MONTH'S ADDITIONS TO THE COMPLIANCE FILE

The compliance file is being maintained by URS in the Santa Ana, California office. An on-site file is also being maintained for all construction documents. For this reporting period, copies of submittals indicated in Table 4-1 were added to the compliance files.

10.0 REQUESTS TO DISPOSE OF ITEMS REQUIRED TO BE MAINTAINED IN THE COMPLIANCE FILE

For this reporting period, no requests for the disposal of items in the project owner's compliance files were made.

11.0 COMPLAINTS, NOTICES OF VIOLATIONS, WARNINGS AND CITATIONS

No complaints, notices of violation, official warnings, or citations have been received during this reporting period or to date on this project.

12.0 PENDING CEC APPROVALS

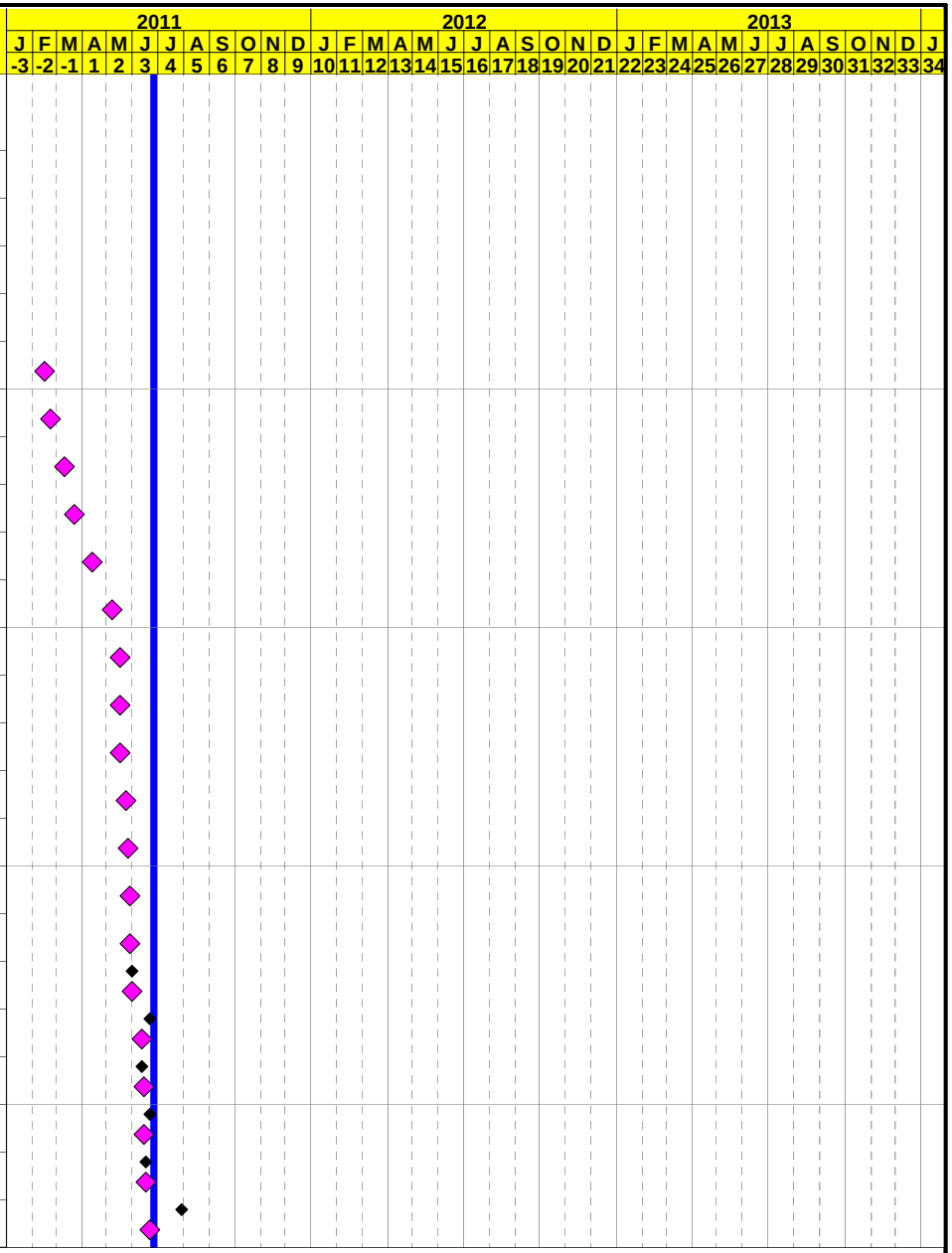
CUL-3.1 (Cultural Resources Monitoring and Mitigation Plan) is still awaiting CEC approval as of the end of this reporting period. There are no other outstanding CEC approvals for COCs submitted by the project that requested approvals by the end of June.

FIGURE 1
Construction Schedule

CPV Sentinel, LLC

Milestone

Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1002	CPV / GE Owner Definition Meeting	0	0	22JUL08A	
1005	Receive GE LMS 100 Go By Design	0	0		22JUL08A
1000	CPV Provide Limited Notice to Proceed	0	0	28JUL08A	
1006	CPV Suspend the Project	0	0	02DEC08A	
1007	CPV Provide Suspension Release EPC (LNTP)	0	0		14FEB11A
1013	Release Exhaust Duct for Engineering	0	0		22FEB11A
1011	CPV Provide Suspension Release GE	0	0		11MAR11A
1017	Release Field Erected Tanks for Engineering	0	0		23MAR11A
1015	Release Wtr Treatment System for Engineering	0	0		12APR11A
1012	Release GSU for Engineering & Hold Mfg. Slot	0	0		06MAY11A
1040	CPV Provide GE LMS 100 Fnd / Struct Design GO BY	0	0		16MAY11A
1050	CPV Provide GE LMS 100 Piping Design GO BY	0	0		16MAY11A
1060	CPV Provide GE LMS 100 Elec. Design Drawings	0	0		16MAY11A
1051	CPV Provide GE LMS 100 Piping Design (IFC)	0	0		23MAY11A
1010	CPV Provide Notice To Proceed	0	0	26MAY11A	
1014	Release Gas Compressors for Engineering	0	0		27MAY11A
1016	Release Cooling Tower for Engineering	0	0		27MAY11A
1030	CPV Provide Site Access "for Mobilization"	0	0	01JUN11A	
1080	CPV Provide Site Construction Water	0	0		10JUN11A
1041	CPV Provide GE LMS 100 Fnd / Struct Design (IFC)	0	0		13JUN11A
1070	CPV Provide Site Construction Temporary Power	0	0		13JUN11A
1061	CPV Provide GE LMS 100 Electrical Design (IFC)	0	0		15JUN11A
1031	CPV Provide Site Access Road Complete	0	0	22JUN11A	



Start Date	01MAY08
Finish Date	27NOV13
Data Date	25JUN11

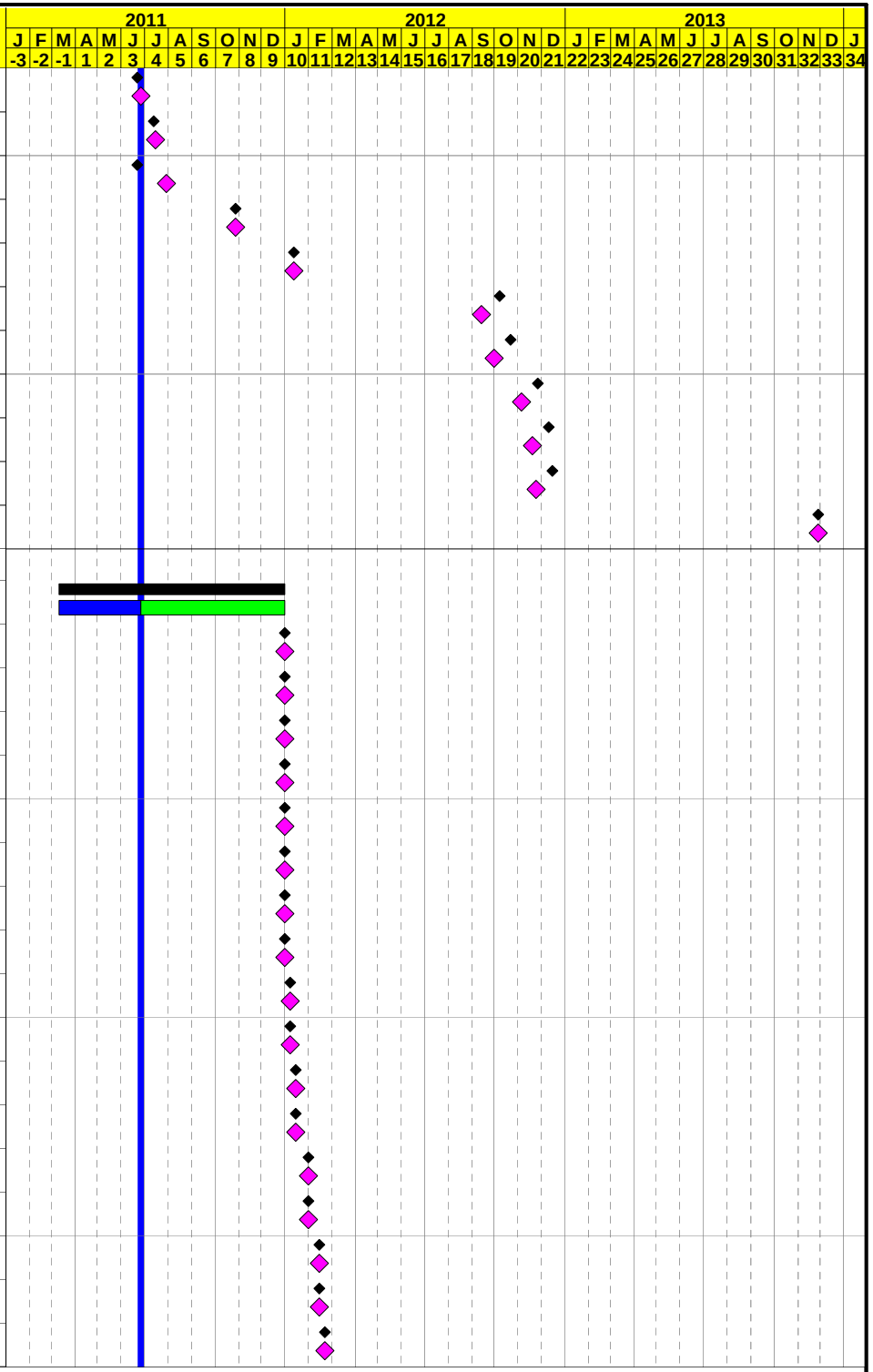
Gemma Power Systems

CPV Sentinel

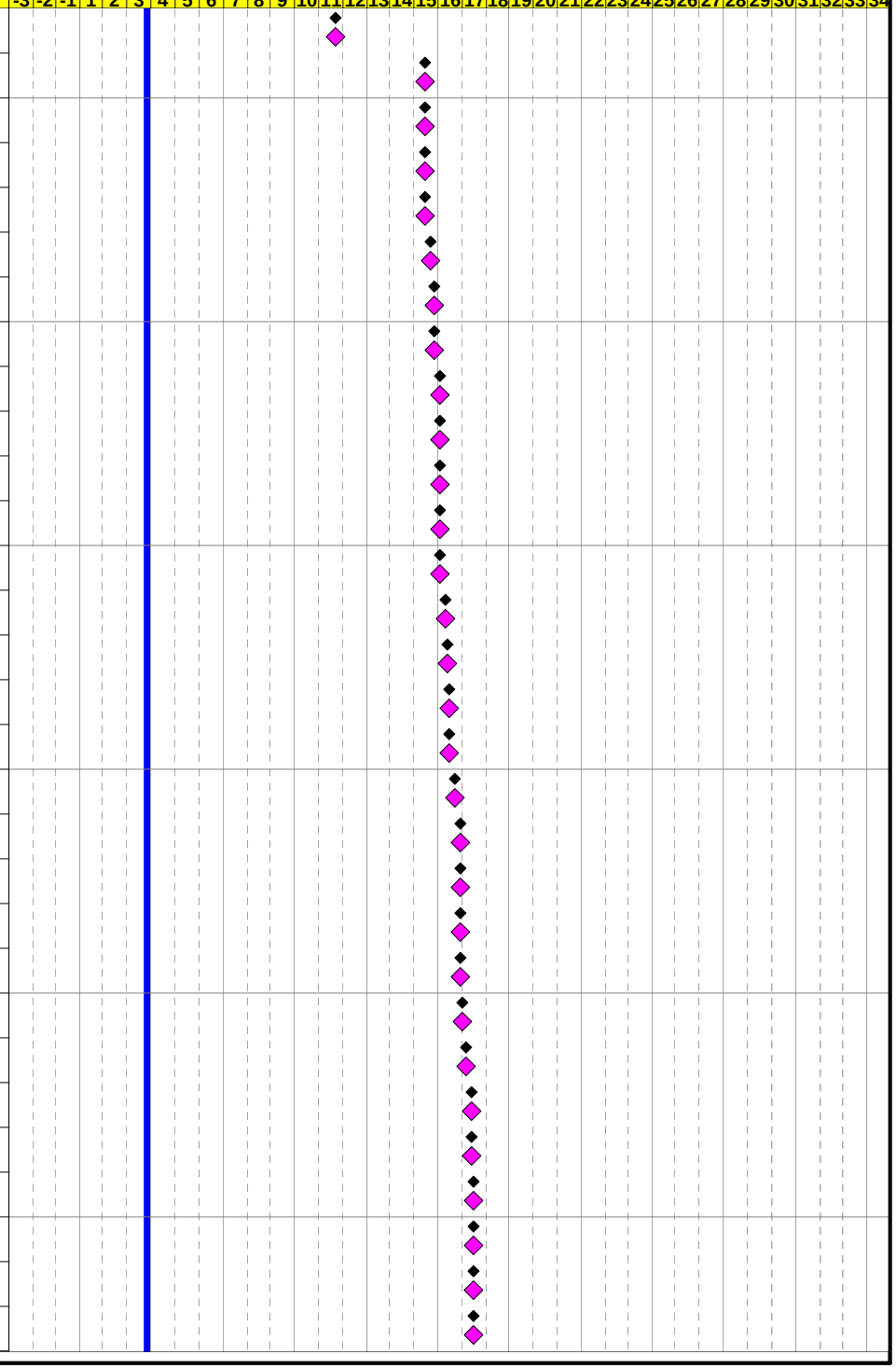
Level One Project Schedule

Target 2 Bar
Early Bar
Progress Bar
Critical Activity

Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1090	CPV Provide Site Potable Water	0	0		24JUN11A
1100	CPV Provide Complete 4 New On Site Wells	0	0		14JUL11
1191	CPV Provide Site Communication Interface	0	0		29JUL11
1190	CPV Provide Full Construction Power	0	0		28OCT11
1192	CPV Provide GE TA's	0	0	11JAN12	
1210	CPV Provide Back Feed Power	0	0		13SEP12
1201	CPV Provide Operators	0	0	29SEP12	
1200	CPV Provide First Fills	0	0		03NOV12
1220	CPV Provide Commissioning Water & Demin Trailers	0	0		17NOV12
1230	CPV Provide Fuel Gas	0	0		22NOV12
1240	CPV Provide the Ability to put Power to the Grid	0	0	28NOV13	
GE Equipment Delivery					
1109	GE Fabricate GTG & Accessories	259	189	12MAR11A	30DEC11
1311	RTS Balance of Equipment Unit 1, Houston	0	0		30DEC11
1312	RTS Gas Turbine Package Unit 1, Houston	0	0		30DEC11
1314	RTS PCM Unit 1, Houston	0	0		30DEC11
1318	RTS Water Pump Skid Unit 1, Mexico City	0	0		30DEC11
1321	RTS Balance of Equipment Unit 2, Houston	0	0		30DEC11
1322	RTS Gas Turbine Package Unit 2, Houston	0	0		30DEC11
1324	RTS PCM Unit 2, Houston	0	0		30DEC11
1328	RTS Water Pump Skid Unit 2, Mexico City	0	0		30DEC11
1317	FAS VBV Equip. Unit 1, Shanghai	0	0		06JAN12
1327	FAS VBV Equip. Unit 2, Shanghai	0	0		06JAN12
1319	FAS Intercooler Piping Unit 1, South Korea	0	0		13JAN12
1329	FAS Intercooler Piping Unit 2, South Korea	0	0		13JAN12
1316	RTS Air Filter Unit 1	0	0		30JAN12
1326	RTS Air Filter Unit 2	0	0		30JAN12
1315	FAS Intercooler Unit 1, South Korea	0	0		13FEB12
1325	FAS Intercooler Unit 2, South Korea	0	0		13FEB12
1313	FAS Generator Unit 1, Pizen	0	0		20FEB12



Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1323	FAS Generator Unit 2, Pizen	0	0		20FEB12
1331	RTS Balance of Equipment Unit 3, Houston	0	0		13JUN12
1332	RTS Gas Turbine Package Unit 3, Houston	0	0		13JUN12
1336	RTS Air Filter Unit 3	0	0		13JUN12
1338	RTS Water Pump Skid Unit 3, Mexico City	0	0		13JUN12
1337	FAS VBV Equip. Unit 3, Shanghai	0	0		20JUN12
1335	FAS Intercooler Unit 3, South Korea	0	0		27JUN12
1339	FAS Intercooler Piping Unit 3, South Korea	0	0		27JUN12
1341	RTS Balance of Equipment Unit 4, Houston	0	0		02JUL12
1342	RTS Gas Turbine Package Unit 4, Houston	0	0		02JUL12
1346	RTS Air Filter Unit 4	0	0		02JUL12
1348	RTS Water Pump Skid Unit 4, Mexico City	0	0		02JUL12
1333	FAS Generator Unit 3, Pizen	0	0		04JUL12
1347	FAS VBV Equip. Unit 4, Shanghai	0	0		09JUL12
1334	RTS PCM Unit 3, Houston	0	0		13JUL12
1345	FAS Intercooler Unit 4, South Korea	0	0		16JUL12
1349	FAS Intercooler Piping Unit 4, South Korea	0	0		16JUL12
1343	FAS Generator Unit 4, Pizen	0	0		23JUL12
1351	RTS Balance of Equipment Unit 5, Houston	0	0		30JUL12
1352	RTS Gas Turbine Package Unit 5, Houston	0	0		30JUL12
1356	RTS Air Filter Unit 5	0	0		30JUL12
1358	RTS Water Pump Skid Unit 5, Mexico City	0	0		30JUL12
1344	RTS PCM Unit 4, Houston	0	0		01AUG12
1357	FAS VBV Equip. Unit 5, Shanghai	0	0		06AUG12
1355	FAS Intercooler Unit 5, South Korea	0	0		13AUG12
1359	FAS Intercooler Piping Unit 5, South Korea	0	0		13AUG12
1361	RTS Balance of Equipment Unit 6, Houston	0	0		15AUG12
1362	RTS Gas Turbine Package Unit 6, Houston	0	0		15AUG12
1366	RTS Air Filter Unit 6	0	0		15AUG12
1368	RTS Water Pump Skid Unit 6, Mexico City	0	0		15AUG12

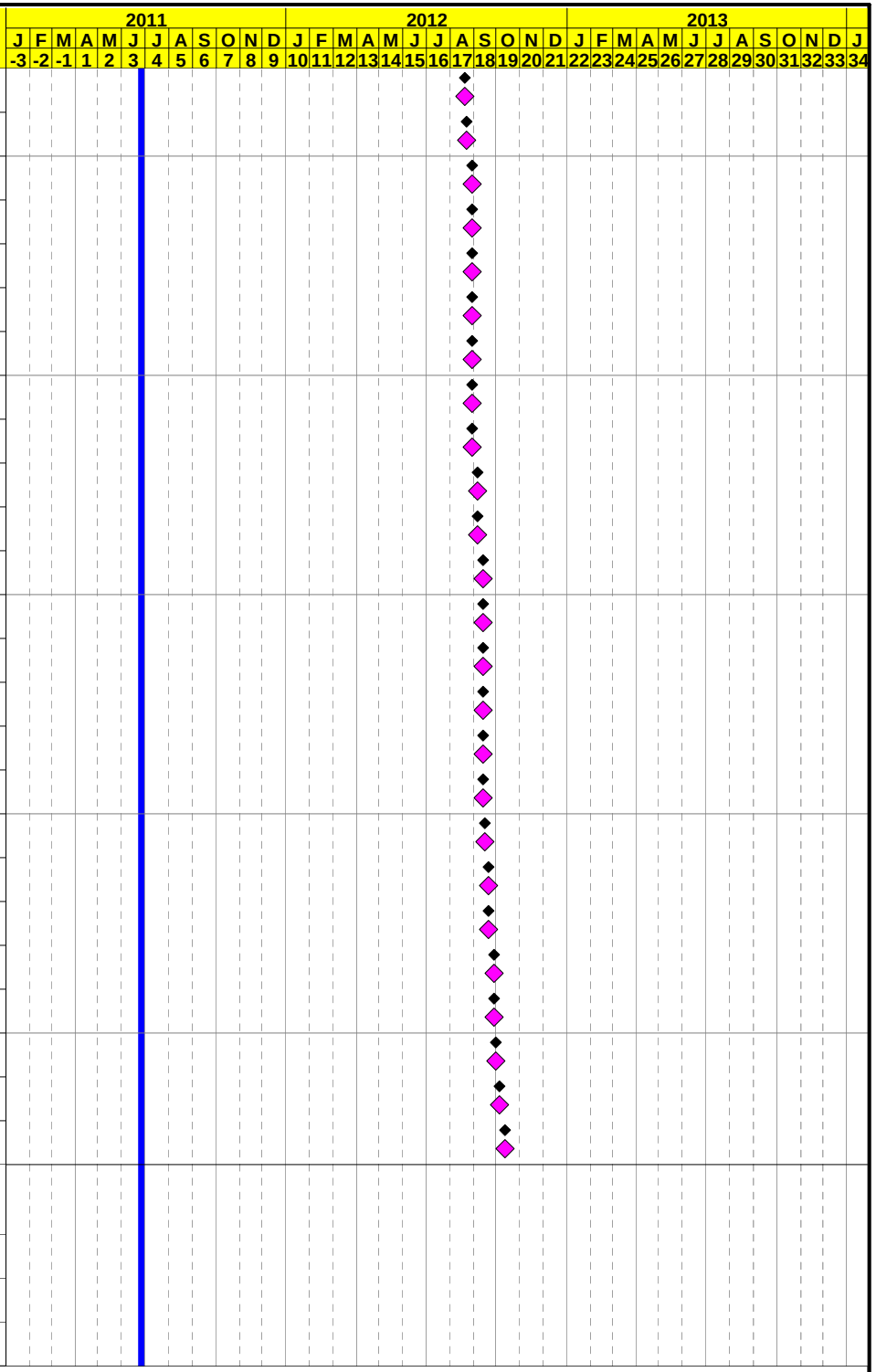


Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1353	FAS Generator Unit 5, Pizen	0	0		20AUG12
1367	FAS VBV Equip. Unit 6, Shanghai	0	0		22AUG12
1354	RTS PCM Unit 5, Houston	0	0		29AUG12
1365	FAS Intercooler Unit 6, South Korea	0	0		29AUG12
1369	FAS Intercooler Piping Unit 6, South Korea	0	0		29AUG12
1371	RTS Balance of Equipment Unit 7, Houston	0	0		29AUG12
1372	RTS Gas Turbine Package Unit 7, Houston	0	0		29AUG12
1376	RTS Air Filter Unit 7	0	0		29AUG12
1378	RTS Water Pump Skid Unit 7, Mexico City	0	0		29AUG12
1363	FAS Generator Unit 6, Pizen	0	0		05SEP12
1377	FAS VBV Equip. Unit 7, Shanghai	0	0		05SEP12
1375	FAS Intercooler Unit 7, South Korea	0	0		12SEP12
1379	FAS Intercooler Piping Unit 7, South Korea	0	0		12SEP12
1381	RTS Balance of Equipment Unit 8, Houston	0	0		12SEP12
1382	RTS Gas Turbine Package Unit 8, Houston	0	0		12SEP12
1386	RTS Air Filter Unit 8	0	0		12SEP12
1388	RTS Water Pump Skid Unit 8, Mexico City	0	0		12SEP12
1364	RTS PCM Unit 6, Houston	0	0		14SEP12
1373	FAS Generator Unit 7, Pizen	0	0		19SEP12
1387	FAS VBV Equip. Unit 8, Shanghai	0	0		19SEP12
1385	FAS Intercooler Unit 8, South Korea	0	0		26SEP12
1389	FAS Intercooler Piping Unit 8, South Korea	0	0		26SEP12
1374	RTS PCM Unit 7, Houston	0	0		28SEP12
1383	FAS Generator Unit 8, Pizen	0	0		03OCT12
1384	RTS PCM Unit 8, Houston	0	0		12OCT12

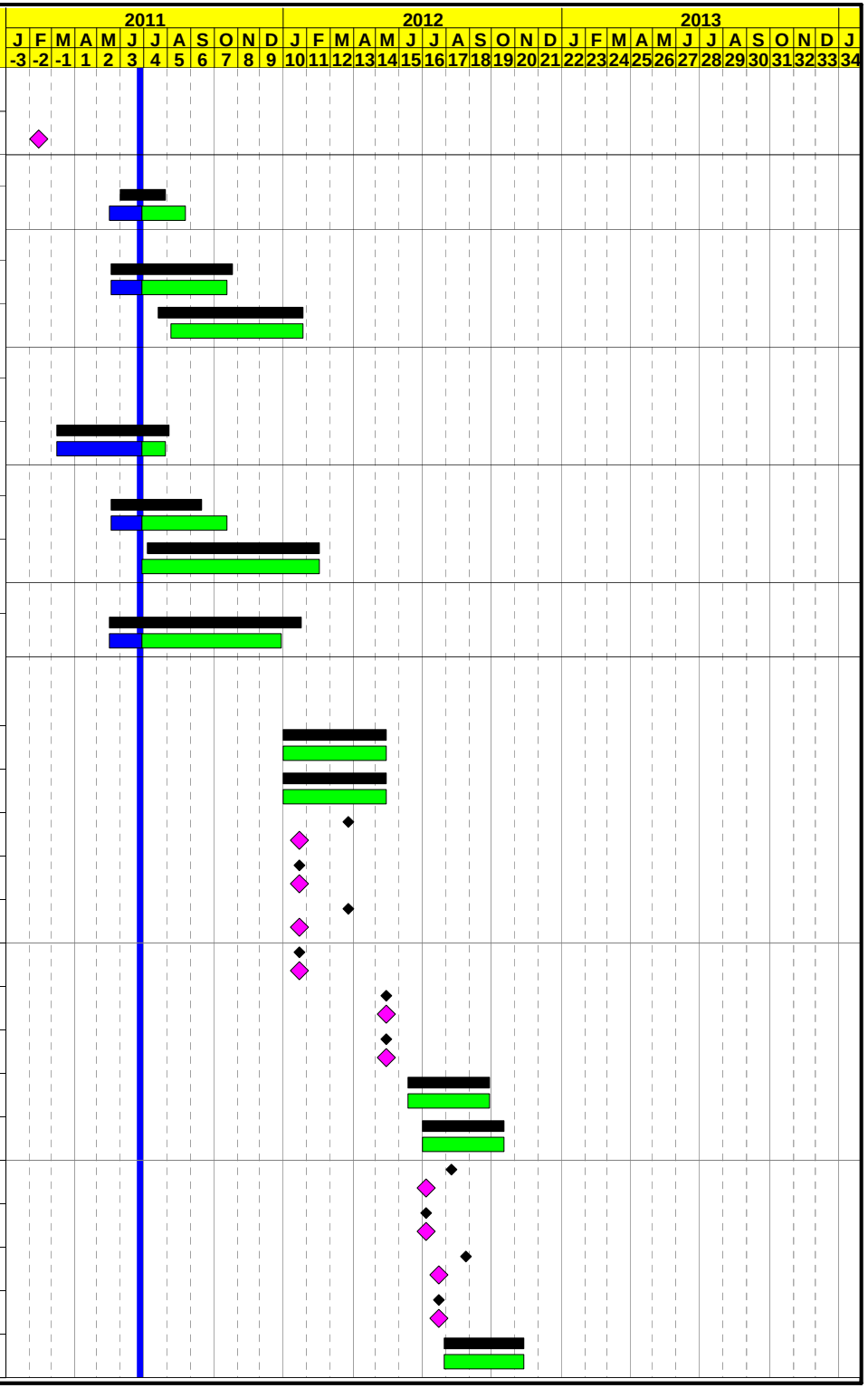
MOTT MACDONALD

Engineering Design

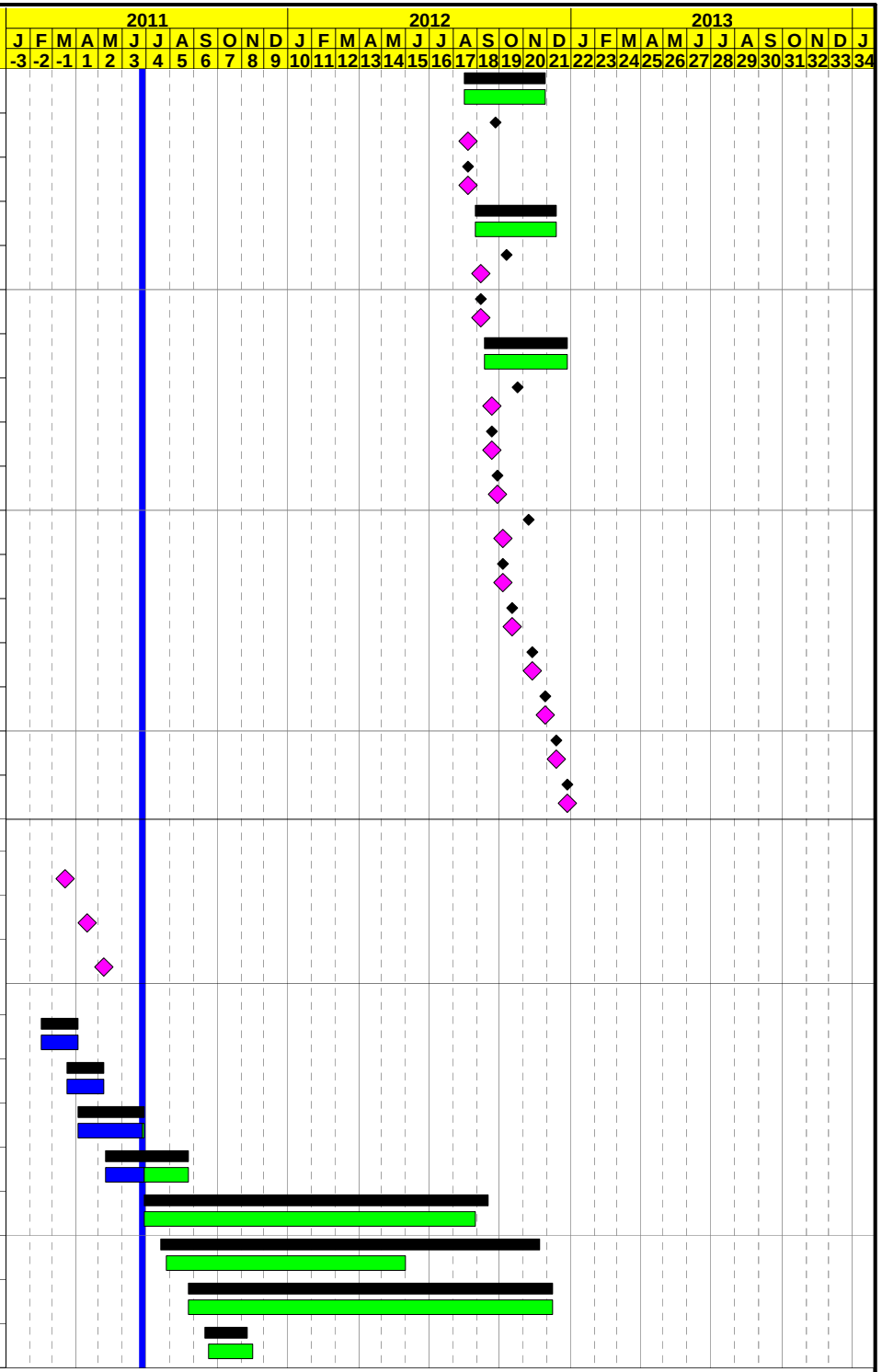
EN301000	Engineering LNTP	0	0	28JUL08A	
EN301030	Water Balance Design	66	0	28JUL08A	02OCT08A
EN301010	Electrical One Line Design	44	0	28JUL08A	21NOV08A



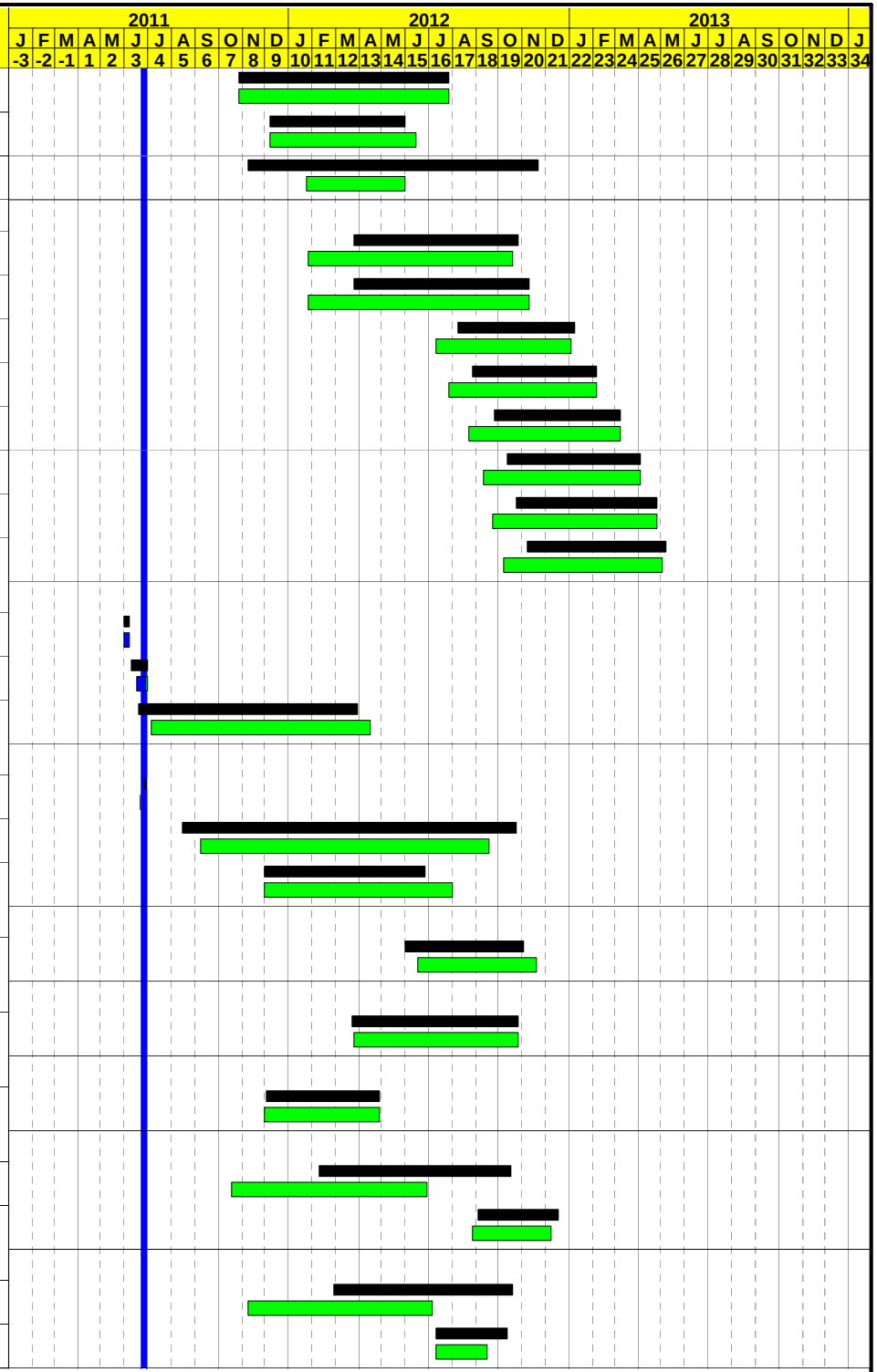
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
EN301031	P&ID Design	88	0	12AUG08A	04OCT08A
EN301001	Engineering Suspension Release (NTP)	0	0	14FEB11A	
MM Concrete Foundations Drawings					
EN301060	Foundation Design (GTG's & Ancillaries)	70*	41*	16MAY11A	24AUG11
MM Mechanical Documents					
EN301080	Piping Under Ground Utilities Design	106*	79*	18MAY11A	18OCT11
EN301100	Piping Above Grade Design	118*	118*	05AUG11	25JAN12
MM Mechanical Specifications					
EN301041	Equipment Specification Exhaust System	41	0	28JUL08A	26SEP08A
EN301046	Equipment Specification Cooling Towers	99*	22*	09MAR11A	28JUL11
MM Electrical Documents					
EN301070	Electrical Under Ground Utilities Design	103*	78*	20MAY11A	17OCT11
EN301090	Electrical Above Grade Design	162*	162*	28JUN11	17FEB12
MM Switch Yard Specifications					
EN301021	Equipment Specification / Design Switch Yard	155*	126*	16MAY11A	28DEC11
Gemma Power Systems					
GE Equipment Delivery					
1110	Start Ship - Complete Del GTG Unit 1 Package	136	136	31DEC11	14MAY12
1120	Start Ship - Complete Del GTG Unit 2 Package	136	136	31DEC11	14MAY12
1111	Receive GTG BOP Package Eq & Piping Unit 1	0	0		20JAN12
1112	Receive GTG Unit 1	0	0		20JAN12
1121	Receive GTG BOP Package Eq & Piping Unit 2	0	0		20JAN12
1122	Receive GTG Unit 2	0	0		20JAN12
1113	Receive Generator Unit 1	0	0		14MAY12
1123	Receive Generator Unit 2	0	0		14MAY12
1130	Start Ship - Complete Del GTG Unit 3 Package	106	106	13JUN12	26SEP12
1140	Start Ship - Complete Del GTG Unit 4 Package	106	106	02JUL12	15OCT12
1131	Receive GTG BOP Package Eq & Piping Unit 3	0	0		06JUL12
1132	Receive GTG Unit 3	0	0		06JUL12
1141	Receive GTG BOP Package Eq & Piping Unit 4	0	0		23JUL12
1142	Receive GTG Unit 4	0	0		23JUL12
1150	Start Ship - Complete Del GTG Unit 5 Package	106	106	30JUL12	12NOV12



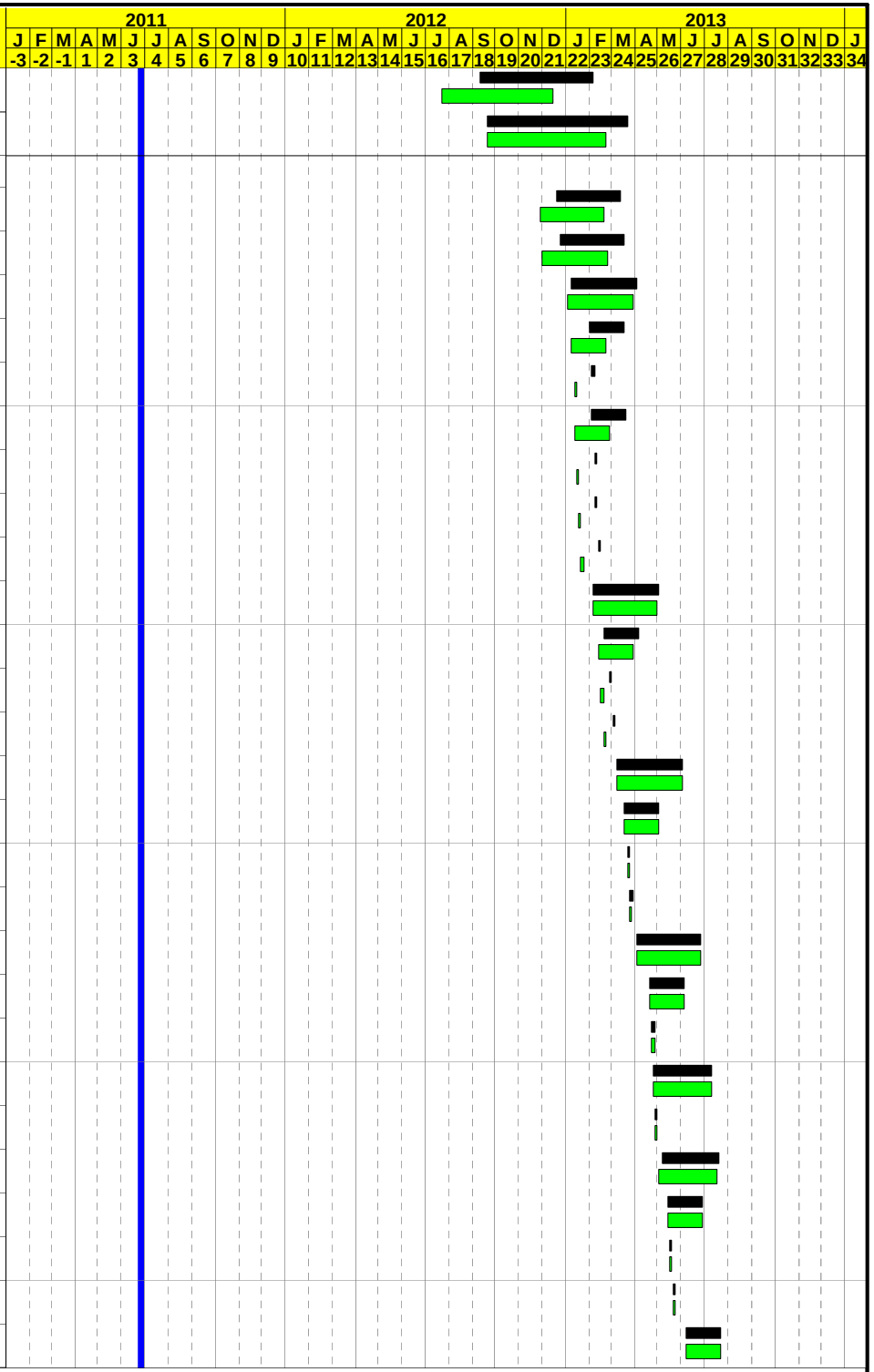
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1160	Start Ship - Complete Del GTG Unit 6 Package	106	106	15AUG12	28NOV12
1151	Receive GTG BOP Package Eq & Piping Unit 5	0	0		20AUG12
1152	Receive GTG Unit 5	0	0		20AUG12
1170	Start Ship - Complete Del GTG Unit 7 Package	106	106	29AUG12	12DEC12
1161	Receive GTG BOP Package Eq & Piping Unit 6	0	0		05SEP12
1162	Receive GTG Unit 6	0	0		05SEP12
1180	Start Ship - Complete Del GTG Unit 8 Package	106	106	12SEP12	26DEC12
1171	Receive GTG BOP Package Eq & Piping Unit 7	0	0		19SEP12
1172	Receive GTG Unit 7	0	0		19SEP12
1133	Receive Generator Unit 3	0	0		26SEP12
1181	Receive GTG BOP Package Eq & Piping Unit 8	0	0		03OCT12
1182	Receive GTG Unit 8	0	0		03OCT12
1143	Receive Generator Unit 4	0	0		15OCT12
1153	Receive Generator Unit 5	0	0		12NOV12
1163	Receive Generator Unit 6	0	0		28NOV12
1173	Receive Generator Unit 7	0	0		12DEC12
1183	Receive Generator Unit 8	0	0		26DEC12
CEC / CBO Submittals					
CN1900	CEC 90 Day Pre-Construction Submittals	0	0	18MAR11A	
CN1910	CEC 60 Day Pre-Construction Submittals	0	0	15APR11A	
CN1920	CEC 30 Day Pre-Construction Submittals	0	0	06MAY11A	
Procurement					
PR510100	Procurement Exhaust Equipment RFP	34*	0*	15FEB11A	04APR11A
PR520100	Procurement Long Lead Transformers RFP	35*	0*	21MAR11A	06MAY11A
PR510101	Procurement Exhaust Equipment Vendor Engineering	58*	1*	05APR11A	27JUN11
PR520101	Procurement Long Lead Transfr Vendor Engineering	74*	40*	09MAY11A	23AUG11
PR510000	Release Fabrication Exhaust Equipment	298*	298*	28JUN11	30AUG12
PR331201	Procurement Switch Yard RFP	214*	214*	26JUL11	30MAY12
PR520000	Procurement Long Lead Transformers	325*	325*	24AUG11	06DEC12
PR331202	Procurement Switch Yard Vendor Engineering	40*	40*	21SEP11	15NOV11



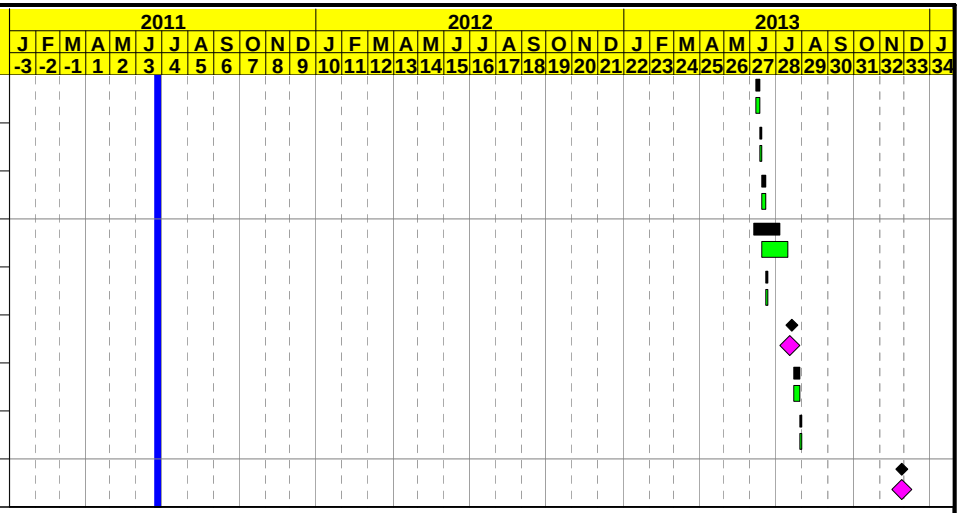
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
PR520010	Procurement Balance of the Electrical Equipment	188*	188*	28OCT11	27JUL12
PR510050	Procurement Balance of Mechanical Equipment	132*	132*	08DEC11	15JUN12
PR331203	Procurement Switch Yard Fabrication	90*	90*	24JAN12	30MAY12
Unit Construction Overview					
CN313101	GTG & Ancl Unit 1 Erection Mech, Elect, & Piping	170*	170*	26JAN12	17OCT12
CN313102	GTG & Ancl Unit 2 Erection Mech, Elect, & Piping	183*	183*	27JAN12	08NOV12
CN313103	GTG & Ancl Unit 3 Erection Mech, Elect, & Piping	111*	111*	11JUL12	02JAN13
CN313104	GTG & Ancl Unit 4 Erection Mech, Elect, & Piping	121*	121*	27JUL12	04FEB13
CN313105	GTG & Ancl Unit 5 Erection Mech, Elect, & Piping	125*	125*	23AUG12	08MAR13
CN313106	GTG & Ancl Unit 6 Erection Mech, Elect, & Piping	129*	129*	10SEP12	02APR13
CN313107	GTG & Ancl Unit 7 Erection Mech, Elect, & Piping	135*	135*	24SEP12	25APR13
CN313108	GTG & Ancl Unit 8 Erection Mech, Elect, & Piping	131*	131*	08OCT12	02MAY13
Civil Site Work					
CN2000	Site Mobilization	5	0	01JUN11A	06JUN11A
CN340100	Soil Erosion & Control Implementation	14	2	16JUN11A	29JUN11
CN340110	Site Clearing, Grubbing, Cut & Fill	180	180	06JUL11	16APR12
Foundation Construction					
CN34201008	Install Foundation Block Fire Pump	2	0	21JUN11A	21JUN11A
CN3419	Foundation Construction Units 1 - 8	238*	238*	08SEP11	18SEP12
CN342090	Foundation Construction BOP	131*	131*	01DEC11	31JUL12
Buildings					
CN343500	Administration Building Erection	100	100	18JUN12	19NOV12
Mechanical					
CN313090	Mechanical Equipment Erection BOP	125*	125*	26MAR12	25OCT12
Tanks Field Erected					
CN325500	Field Erected Tanks Installation	85*	85*	01DEC11	27APR12
Piping					
CN310100	Install Under Ground Mechanical Utilities	160	160	19OCT11	28JUN12
CN311090	Piping Installation BOP	66*	66*	28AUG12	07DEC12
Electrical					
CN330100	Under Ground Electrical Utilities	150	150	10NOV11	05JUL12
CN330190	Electrical Equipment BOP	44*	44*	10JUL12	14SEP12



Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
CN331200	Electrical Equipment Switch Yard Erection	93	93	24JUL12	14DEC12
CN331090	Electrical Conduit, Cable, Terms BOP	97*	97*	21SEP12	22FEB13
Start Up					
CN7101	Cold, Hot Commission & Performance Test Unit 1	73*	73*	28NOV12	20FEB13
CN7102	Cold, Hot Commission & Performance Test Unit 2	73*	73*	01DEC12	23FEB13
CN7103	Cold, Hot Commission & Performance Test Unit 3	73*	73*	03JAN13	28MAR13
CN3701	Seller Access Days Unit 1	45	45	08JAN13	21FEB13
CN710109	First Fire & FSNL GTG Unit 1 Package	3	3	12JAN13	14JAN13
CN3702	Seller Access Days Unit 2	45	45	12JAN13	25FEB13
CN710111	Sync Generator, AVR, Loads GTG Unit 1 Package	3	3	15JAN13	17JAN13
CN710119	First Fire & FSNL GTG Unit 2 Package	3	3	17JAN13	19JAN13
CN710121	Sync Generator, AVR, Loads GTG Unit 2 Package	3	3	21JAN13	23JAN13
CN7104	Cold, Hot Commission & Performance Test Unit 4	73*	73*	05FEB13	30APR13
CN3703	Seller Access Days Unit 3	45	45	13FEB13	29MAR13
CN710129	First Fire & FSNL GTG Unit 3 Package	3	3	16FEB13	18FEB13
CN710131	Sync Generator, AVR, Loads GTG Unit 3 Package	3	3	20FEB13	22FEB13
CN7105	Cold, Hot Commission & Performance Test Unit 5	73*	73*	09MAR13	01JUN13
CN3704	Seller Access Days Unit 4	45	45	18MAR13	01MAY13
CN710139	First Fire & FSNL GTG Unit 4 Package	3	3	22MAR13	24MAR13
CN710141	Sync Generator, AVR, Loads GTG Unit 4 Package	3	3	25MAR13	27MAR13
CN7106	Cold, Hot Commission & Performance Test Unit 6	73*	73*	03APR13	26JUN13
CN3705	Seller Access Days Unit 5	45	45	20APR13	03JUN13
CN710149	First Fire & FSNL GTG Unit 5 Package	3	3	24APR13	26APR13
CN7107	Cold, Hot Commission & Performance Test Unit 7	64*	64*	26APR13	09JUL13
CN710151	Sync Generator, AVR, Loads GTG Unit 5 Package	3	3	27APR13	29APR13
CN7108	Cold, Hot Commission & Performance Test Unit 8	64*	64*	03MAY13	16JUL13
CN3706	Seller Access Days Unit 6	45	45	14MAY13	27JUN13
CN710159	First Fire & FSNL GTG Unit 6 Package	3	3	17MAY13	19MAY13
CN710161	Sync Generator, AVR, Loads GTG Unit 6 Package	3	3	21MAY13	23MAY13
CN3707	Seller Access Days Unit 7	45	45	07JUN13	21JUL13



Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
CN710169	First Fire & FSNL GTG Unit 7 Package	3	3	08JUN13	10JUN13
CN710171	Sync Generator, AVR, Loads GTG Unit 7 Package	3	3	11JUN13	13JUN13
CN710179	First Fire & FSNL GTG Unit 8 Package	3	3	15JUN13	17JUN13
CN3708	Seller Access Days Unit 8	30	30	15JUN13	14JUL13
CN710181	Sync Generator, AVR, Loads GTG Unit 8 Package	3	3	18JUN13	20JUN13
CN2708	Substantial Completion GTG Unit 8	0	0		16JUL13
CN710290	Facility Substantial Completion Testing	7	7	22JUL13	28JUL13
CN710291	All 8 Units Reliability Test	2	2	29JUL13	30JUL13
CN2812	Final Completion	0	0		27NOV13



APPENDIX A
Key Events List &
CEC Compliance Matrix

KEY EVENT LIST

PROJECT: CPV Sentinel Energy Project **DATE ENTERED**: 6/2/2011

DOCKET #: 07-AFC-3C
Compliance PROJECT MANAGER: Dale Rundquist

Event Description	Date Assigned
Certification Date	1 Dec 2010
Obtain Site Control	1 Jun 2010
Online Date	1 Aug 2013
Power Plant Site Activities	
Start of Site Mobilization	1 Jun 2011
Start Ground Disturbance	1 Jun 2011
Start Grading	1 Jun 2011
Start Construction	1 Jun 2011
Begin Pouring Major Foundation Concrete	12 Sep 2011
Begin Installation of Major Equipment	13 Mar 2012
Completion of Installation of Major Equipment	6 Jun 2013
First Combustion of Gas Turbine	on or about 1 Feb 2013
Obtain Building Occupation Permit	TBD
Start Commercial Operation	1 Aug 2013
Complete All Construction	29 Nov 2013
Transmission Line Activities	
Start T/L Construction	Nov 2011
Synchronization with Grid and Interconnection	Jan 2013
Complete T/L	May 2013
Fuel Supply Line Activities	
Start Gas Pipeline Construction and Interconnection	Nov 2011
Complete Gas Pipeline Construction	Sep 2012
Water Supply Activities	
Start of Water Supply Construction	TBD[1]
Complete Water Supply Construction	TBD[1]

[1] Process water to be supplied by on-site wells. Potable water system piping design and schedule still under consideration.

Compliance Matrix for CPV Sentinel Project

Assumed Construction Start Date: 06/01/11
Assumed Ground Disturbance Date 6/1/2011
Assumed Site Mobilization Date 6/1/2011

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	Requested CEC (or CBO or Agency) Approval Date	CEC/ Agency Approval Date	Status
AQ-12	CON	The operator shall install and maintain an ammonia injection flow meter and recorder to accurately indicate and record the ammonia injection flow rate being supplied to each turbine. The device or gauge shall be accurate to within plus or minus 5 percent and shall be calibrated once every twelve months. The ammonia injection system shall be placed in full operation as soon as the minimum temperature is reached. The minimum temperature is listed as 540 degrees F at the inlet to the SCR reactor. Continuously recording is defined for this condition as at least once every hour and is based on the average of the continuous monitoring for that hour.	The project owner shall submit to the CPM no less than 30 days after installation, a written statement by a California registered Professional Engineer stating that said engineer has reviewed the as-built-designs or inspected the identified equipment and certifies that the appropriate device has been installed and is functioning properly. The project owner shall submit annual calibration results within 30 days of their successful completion.	No less than 30 days after installation - and - submit annual calibration results within 30 days of their successful completion.	04/23/12				
AQ-13	CON	The operator shall install and maintain a temperature gauge and recorder to accurately indicate and record the temperature in the exhaust at the inlet of the SCR reactor. The gauge shall be accurate to within plus or minus 5 percent and shall be calibrated once every twelve months. The catalyst temperature range shall remain between 740 degree F and 840 degree F. The catalyst temperature shall not exceed 840 degrees F. The temperature range requirement of this condition does not apply during startup operations of the turbine. Continuously recording is defined for this condition as at least once every hour and is based on the average of the continuous monitoring for that hour.	The project owner shall submit to the CPM no less than 30 days after installation, a written statement by a California registered Professional Engineer stating that said engineer has reviewed the as-built-designs or inspected the identified equipment and certifies that the appropriate device has been installed and is functioning properly. The project owner shall submit annual calibration results within 30 days of their successful completion.	No less than 30 days after installation - and - submit annual calibration results within 30 days of their successful completion.	04/13/12				
AQ-14	CON	The operator shall install and maintain a pressure gauge and recorder to accurately indicate and record the pressure differential across the SCR catalyst bed in inches of water column. The gauge shall be accurate to within plus or minus 5 percent and shall be calibrated once every twelve months. The pressure drop across the catalyst shall not exceed 12 inches of water column during the start-up period. Continuously recording is defined for this condition as at least once every month and is based on the average of the continuous monitoring for that month.	The project owner shall submit to the CPM no less than 30 days after installation, a written statement by a California registered Professional Engineer stating that said engineer has reviewed the as-built-designs or inspected the identified equipment and certifies that the appropriate device has been installed and is functioning properly. The project owner shall submit annual calibration results within 30 days of their successful completion.	No less than 30 days after installation - and - submit annual calibration results within 30 days of their successful completion.	04/13/12				
AQ-SC3	CON	Construction Fugitive Dust Control: The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report that demonstrates compliance with the Air Quality Construction Mitigation Plan (AQCMP) mitigation measures for the purposes of minimizing fugitive dust emission creation from construction activities and preventing all fugitive dust plumes from leaving the project. Any deviation from the AQCMP mitigation measures shall require prior CPM notification and approval.	The AQCMM shall provide the CPM a Monthly Compliance Report (COMPLIANCE-6) to demonstrate control of fugitive dust emissions.	Monthly	Monthly				On-going

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	Requested CEC (or CBO or Agency) Approval Date	CEC/ Agency Approval Date	Status
AQ-SC4	CON	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 (A) off the project site and within 400 feet upwind of any regularly occupied structures not owned by the project owner or (B) 200 feet beyond the centerline of the construction of linear facilities 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 AQCMM or Delegate shall implement procedures for additional mitigation measures in the event that such visible dust plumes are observed.	The AQCMM shall provide the CPM a Monthly Compliance Report (COMPLIANCE-6).	Monthly	Monthly				On-going
AQ-SC5	CON	Diesel-Fueled Engine Control: The AQCMM shall submit to the CPM, in the Monthly Compliance Report, a construction mitigation report that demonstrates compliance with the AQCMP mitigation measures for purposes of controlling diesel construction-related emissions. Any deviation from the AQCMP mitigation measures shall require prior and CPM notification and approval.	The AQCMM shall include in the Monthly Compliance Report (COMPLIANCE-6) information that demonstrates control of diesel construction-related emissions.	Monthly	Monthly				On-going
AQ-SC6	CON	The project owner, when obtaining dedicated on-road or off-road vehicles for facility maintenance activities, shall only obtain new model year vehicles that meet California on-road vehicle emission standards or appropriate U.S.EPA/California offroad engine emission standards for the model year when obtained.	At least 60 days prior to the start commercial operation, the project owner shall submit to the CPM a copy of the plan that identifies the size and type of the on-site vehicle and equipment fleet and the vehicle and equipment purchase orders and contracts and/or purchase schedule. The plan shall be updated every other year and submitted in the Annual Compliance Report (COMPLIANCE-7).	At least 60 days prior to the start commercial operation with updates every other year.	05/15/13				
AQ-SC7	CON	The project owner shall provide the CPM copies of all District issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) documents 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 to the CPM any modification to any permit proposed by the District or U.S. Environmental Protection Agency (U.S. EPA), and any revised permit issued by the District or U.S. EPA, for the project.	The project owner shall submit any ATC, PTO, and proposed air permit modifications to the CPM within 15 working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency. The project owner shall submit all modified air permits to the CPM within 15 days of receipt.	As Required. Within 5 working days of submittal. All modified air permits within 15 days of receipt.	As Required	4/20/2011	5/6/2011	4/20/2011	On-going
BIO-1.2	CON	Replacement Designated Biologist - The project owner shall assign a Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least 3 references and contact information, to the ECC Project Manager (CPM) for approval.	If a Designated Biologist needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM at least 10 working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	As Required	As Required				As Required

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	Requested CEC (or CBO or Agency) Approval Date	CEC/ Agency Approval Date	Status
BIO-10.2	CON	The project owner shall conduct follow-up surveys to the protocol level surveys conducted in 2007 and 2008 by xeric Specialties to determine the presence of the Coachella Valley milk-vetch and the Triple-ribbed milk-vetch and implement the appropriate measures to minimize impacts if detected: 2. If either target species or another federally or State listed plant species is detected in the project area then the project owner shall be required to obtain a Biological Opinion (ESA Section 10) and/or a CESA Section 2081 Letter of Concurrence to determine appropriate mitigation for impacts	The project owner shall report to the CPM the results of the surveys and whether coverage under the CVMSHCP or a Biological Opinion (ESA Section 10) and/or a CESA Section 2081 Letter of Concurrence are required as soon as possible. At least 60 days prior to start of any project-related ground disturbance activities, the project owner shall provide the CPM final version of the BRMIMP, which includes rare/listed plant survey results to date and any necessary impact avoidance measures. Results for all protocol surveys conducted after the final version of the BRMIMP is complete shall be as a supplement to the CPM. All modifications to the approved BRMIMP shall be made only after consultation with the CPM and CDFG. The project owner shall notify the CPM five working days before implementing any modications to the BRMIMP.	Results of the surveys and whether coverage under the CVMSHCP or a Biological Opinion (ESA Section 10) and/or a CESA Section 2081 Letter of Concurrence are required as soon as possible. At least 60 days prior to start of any project-related ground disturbance activities, the project owner shall provide the CPM final version of the BRMIMP.	As Required				As Required

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	Requested CEC (or CBO or Agency) Approval Date	CEC/ Agency Approval Date	Status
BIO-11.2	CON	The project owner shall implement the following measures to identify the presence and avoid or minimize impacts to burrowing owls and other nesting birds: 1. A qualified biologist shall conduct survey for burrowing owl activities in the project area, including the power plant site, the linear facilities (e.g. natural gas lines), and a 150 meter (approximately 500 feet) buffer (where possible and appropriate based on the habitat). The survey should follow the protocol outlined in the CDFG Staff Report on Burrowing Owl Mitigation (1995).	All modifications to the approved BRMIMP must be made only after consultation with the CPM and other appropriate agencies. The project owner shall notify the CPM five working days before implementing any modifications to the BRMIMP.	5 working days before implementing any modifications to the BRMIMP	As Required				As Required
BIO-11.3	CON	The project owner shall implement the following measures to identify the presence and avoid or minimize impacts to burrowing owls and other nesting birds: 3. If initial ground disturbance is to occur during the breeding season, complete a pre-construction survey for nesting birds on the project site and/or linear facilities no less than 30 days prior to the start of ground disturbance activities. This survey can occur in conjunction with the burrowing owl surveys.	At least 60 days prior to start of any project-related ground disturbance activities, the project owner shall provide the CPM with the final version of the BRMIMP, which includes burrowing owl/nesting bird survey results to date and any necessary impact avoidance measures. Results for all protocol surveys conducted after the final version of the BRMIMP is complete shall be submitted as a supplement to the CPM. All modifications to the approved BRMIMP must be made only after consultation with the CPM and other appropriate agencies. The project owner shall notify the CPM five working days before implementing any modifications to the BRMIMP.	At least 60 days prior to start of any project-related ground disturbance activities. 5 working days before implementing any modifications to the BRMIMP	05/02/11	3/30/2011	4/29/2011	5/10/2011	CEC Approved
BIO-2.1	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 1. Advise the project owner's Construction and Operation Managers on the implementation of the biological resources Conditions of Certification;	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going
BIO-2.2	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 2. Consult on the preparation of the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), to be submitted by the project owner	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going
BIO-2.3	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 3. Be available to supervise, conduct and coordinate mitigation, monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources, such as special status species or their habitat;	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	Requested CEC (or CBO or Agency) Approval Date	CEC/ Agency Approval Date	Status
BIO-2.4	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 4. Clearly mark sensitive biological resource areas, if present and inspect these areas at appropriate intervals for compliance with regulatory terms and conditions;	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going
BIO-2.5	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 5. Inspect active construction areas where animals may have become trapped prior to construction commencing each day. At the end of the day, inspect for the installation of structures that prevent entrapment or allow escape during periods of construction inactivity. Periodically inspect areas with high vehicle activity (i.e. parking lots) for animals in harm's way;	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going
BIO-2.6	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 6. Notify the project owner and the CPM of any non-compliance with any biological resources Condition of Certification;	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going
BIO-2.7	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 7. Respond directly to inquiries of the CPM regarding biological resource issues;	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going
BIO-2.8	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 8. Maintain written records of the tasks specified above and those included in the BRMIMP. Summaries of these records shall be submitted in the Monthly Compliance Report and the Annual Report;	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	Requested CEC (or CBO or Agency) Approval Date	CEC/ Agency Approval Date	Status
BIO-2.9	CON	The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM. 9. Train the Biological Monitors as appropriate, and ensure their familiarity with the BRMIMP, Worker Environmental Awareness Program (WEAP) training and all permits.	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM.	Monthly	Monthly				On-going
BIO-4.1	CON	The project owner's Construction/ Operation Manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources Conditions of Certification. If required by the Designated Biologist and Biological Monitor(s) the project owner's Construction/Operation Manager shall halt all site 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 an unauthorized adverse impact to biological resources if the activities continued;	The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately 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. 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.	As necessary - no later than the following morning of the incident, or Monday morning in the case of a weekend. Determination of success of corrective action within 5 working days of completion of action	As Required				
BIO-4.2	CON	The Designated Biologist shall: 2. Inform the project owner and the Construction/Operation Manager when to resume activities;	The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately 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. 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.	As necessary - no later than the following morning of the incident, or Monday morning in the case of a weekend. Determination of success of corrective action within 5 working days of completion of action	As Required				As Required
BIO-4.3	CON	The Designated Biologist shall: 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 work stoppage.	The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately 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. 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.	As necessary - no later than the following morning of the incident, or Monday morning in the case of a weekend. Determination of success of corrective action within 5 working days of completion of action	As Required				As Required

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BIO-5.2	CON	Each of the employees, as well as employees of contractors and subcontractors who work on the project site or any related facilities during site mobilization, ground disturbance, grading, construction, operation, and closure are informed about sensitive biological resources associated with the project.	The project owner shall provide in the Monthly Compliance Reoprt the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date. At least 10 days prior to site and related facilities mobilization, two copies of the CPM-approved materials shall be submitted. Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least six months after the start of commercial op During project operation, signed statements for operational personnel shall be kept on file employment. At least 60 days prior to the start of any site (or related facilities) the project owner shall provide in the Monthly Compliance Report the number of eration. for six months following the termination of an individual's mobilization, the project owner shall provide to the CPM (for review and approval) the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program. The project owner s persons who have completed the training in the prior month and a running total of all persons who have completed the training to date. At least 10 days prior to site and related facilities mobilization, two copies of the CPM-approved materials shall be submitted. Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least six months after the start of commercial op During project operation, signed statements for operational personnel shall be kept on file employment.	Monthly. At least 10 days prior to site and related facilities mobilization, two copies of the CPM-approved materials shall be submitted.	Monthly				On-going
BIO-7.1	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 1. Design, install and maintain gas transmission lines, potable water lines,, access roads, and storage and parking areas to avoid identified sensitive resources;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly	Monthly				On-going
BIO-7.2	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 2. Design, install, and maintain the transmission line from CPVS to SCE Devers Substation and all other electrical components if necessary in accordance with the Avian Power Line Interaction Committee (APLIC), Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 2006 to reduce the likelihood of electrocutions of large birds;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly	Monthly				On-going

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BIO-7.3	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 3. Design, install, and maintain structures and supports to prevent common raven (Corvus corax) nesting. Destroy nests that are established prior to egg laying and the modify the location to prevent future nest establishment (modified from applicant's Mitigation Measure Bio-9);	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly	Monthly				On-going
BIO-7.4	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 4. Install silt fencing buried 1-foot deep and attached to a chain-link fence prior to construction to keep burrowing animals from easily tunneling into the site. Examine the fencing at least once a week and repair when necessary. Maintain the fencing until construction is complete (modified from applicant's Mitigation Measure Bio-10);	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Report - Monthly Silt Fence must be completed 2 weeks prior to construction start.	06/08/11	6/8/2011	6/8/2011	6/8/2011	On-going
BIO-7.5	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 5. Following installation of silt fence and prior to ground disturbance, conduct small mammal trapping for five nights in order to capture and relocate as many small mammals from within the project area as possible. Set traps near sign, burrows, or tracks at dusk each day and check at midnight or no later than dawn the next day to ensure no unnecessary deaths occur (modified from applicant's Mitigation Measure Bio-11);	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Report - Monthly Trapping to be completed immediately after silt fence is installed and prior to construction start.	06/08/11	6/8/2011	6/8/2011	6/8/2011	On-going
BIO-7.6	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 6. Eliminate any California Exotic Pest Plants of Concern (CalEPPC) List A species or plant species identified on Table 4-113 (Prohibited Invasive Plant Species) of the CVMSHCP from reseeding areas following temporary disturbance or from landscaping plans (integrated applicant's Mitigation Measure Bio-8);	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly	Monthly				On-going
BIO-7.7	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 7. Prescribe a road sealant that is non-toxic to wildlife and plants;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly	Monthly				On-going

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BIO-7.8	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the localbiological resources, including the following: 8. Design, install, and maintain facility lighting to prevent side casting of light towards wildlife habitat.	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly	Monthly				On-going
BIO-7.9	CON	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resource	The project owner shall provide to the CPM for review and approval a written construction termination report identifying how measures have been completed.	Within thirty (30) days after completion of project construction	12/31/13				Not Started
BIO-8.1	CON	The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 1. Install temporary fencing and provide wildlife escape ramps for construction areas that contain steep walled holes or trenches if outside of an approved, permanent exclusionary fence. The temporary fence shall be hardware cloth or similar materials that are approved by USFWS. Before such holes or trenches are filled, they should be thoroughly inspected for trapped animals by the Designated Biologist or Biological Monitor;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly. Within 30 days after completion of project construction, a written construction termination report	Monthly				On-going
BIO-8.2	CON	The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 2. Make certain all food-related trash is disposed of in closed containers and removed at least once a week;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly. Within 30 days after completion of project construction, a written construction termination report	Monthly				On-going
BIO-8.3	CON	The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 3. Prohibit feeding of wildlife by staff and subcontractors;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly. Within 30 days after completion of project construction, a written construction termination report	Monthly				On-going
BIO-8.4	CON	The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 4. Prohibit non-security related firearms or weapons from being brought to the site;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly. Within 30 days after completion of project construction, a written construction termination report	Monthly				On-going

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BIO-8.5	CON	The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 5. Prohibit pets from being brought to the site;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly. Within 30 days after completion of project construction, a written construction termination report	Monthly				On-going
BIO-8.6	CON	The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 6. Report all inadvertent deaths of sensitive species to the appropriate project representative. Injured animals shall be reported to CDFG or USFWS and the project owner shall follow instructions that are provided by CDFG or USFWS;	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly. Within 30 days after completion of project construction, a written construction termination report	Monthly				On-going
BIO-8.7	CON	The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 7. Minimize use of rodenticides in the project area	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly. Within 30 days after completion of project construction, a written construction termination report	Monthly				On-going
BIO-8.8	CON	The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 8. Prohibit vehicles and personnel from entering sensitive habitats.	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Monthly. Within 30 days after completion of project construction, a written construction termination report	Monthly				On-going

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CIVIL-2	CON	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the 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 obtain approval from the CBO before resuming earthwork and construction in the affected area	The project owner shall notify the CPM within 24 hours when earthwork and construction are stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval.	Within 24 hours	As Required				As Required
CIVIL-3	CON	The project owner shall perform inspections in accordance with the 2007 CBC, Appendix Chapter 1, section 109, Inspections, and Chapter 17, section 1704, Special Inspections. All plant site grading operations for which a grading permit is required shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a non-conformance report (NCR) and the proposed corrective action for review and approval. 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. A list of NCRs for the reporting month shall also be included in the following monthly compliance report.	NCR - Within five days of the discovery of any discrepancies. Within five days of resolution of the NCR, details of the corrective action	As Required				Not Started
CIVIL-4	CON	After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans	The project owner shall submit to the CBO, for review and approval the final grading plans and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes, along with a copy of the transmittal letter to the CPM. The project owner shall submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work	TBD				Not Started
COMPLIANCE-1	CC	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.	The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site.	Ongoing	On-going				On-going

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COMPLIANCE-10	CC	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. 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, including noise and lighting complaints, 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.	The project owner shall report to the CPM, all notices, complaints, and citations.	Within 10 days of receipt	As Required				As Required
COMPLIANCE-11	CC	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 project owner shall submit a closure plan to the CPM	At least 12 months prior to commencement of a planned closure	TBD				
COMPLIANCE-13	CC	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.	To ensure that public health and safety and the environment are protected in the event of an unplanned permanent closure, the project owner shall submit an on-site contingency plan	No less than 60 days prior to commencement of commercial operation	05/15/13				Not started

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COMPLIANCE-14	CC	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. Both shall be filed as a "Petition to Amend." Staff will determine if the change is significant or insignificant. 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.	The project owner must petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	As needed	As Required				As Required
COMPLIANCE-2	CC	For the life of the project, the project owner shall maintain project files on-site or at an alternative site approved by the CPM, 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.	The project owner shall maintain project files onsite. Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Ongoing	On-going				On-going
COMPLIANCE-3	CC	Each condition of certification is followed by a means of verification. The verification describes the Energy Commission's procedure(s) to ensure post-certification compliance with adopted conditions. The verification procedures, unlike the conditions, may be modified as necessary by the CPM.	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.	Ongoing	On-going				On-going
COMPLIANCE-5	CC	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 project owner shall submit a compliance matrix with each monthly and annual compliance report.	Monthly	Monthly				On-going
COMPLIANCE-6	CON	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 the AFC number and an initial list of dates for each of the events identified on the Key Events List.	During construction, the project owner shall submit Monthly Compliance Reports (MCRs). The first MCR is due the month following the Energy Commission business meeting date on which the project was approved.	Monthly	Monthly				On-going
COMPLIANCE-8	CC	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.	Any information the project owner deems confidential shall be submitted to the Energy Commission's Dockets Unit with a request for confidentiality.	Ongoing	On-going				On-going

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COMPLIANCE-9	CC	Pursuant to the provisions of Section 25806(b) of the Public Resources Code, the project owner is required to pay an annual compliance fee, which is adjusted annually. The amount of the fee for FY2007-2008 was $17,676. The initial payment is due on the date the Energy Commission adopts the final decision. You will be notified of the amount due. 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 MS-02, California Energy Commission, 1516 9th St., Sacramento, CA 95814.	Payment of Annual Energy Facility Compliance Fee	Annual	Annually				On-going
CUL-1.2	CON	The project owner shall obtain the services of a Cultural Resources Specialist (CRS), and one or more alternates, as needed.	The project owner shall submit the resume of the proposed new CRS to the CPM for review and approval. At the same time, the project owner shall also provide to the approved new CRS the AFC and all cultural documents, field notes, photographs, and other cultural materials generated by the project. 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 ecommendation regarding significance.	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS	As Required				Not Started
CUL-1.4	CON	The project owner shall obtain the services of a Cultural Resources Specialist (CRS), and one or more alternates, as needed.	The resume(s) of any additional technical specialists shall be provided to the CPM for review and approval.	At least 10 days prior to beginning tasks	As Required				As Required
CUL-2.2	CON	Prior to ground disturbance, if the CRS has not previously worked on the project, the Project Owner shall provide the CRS with copies of the AFC, data responses, and confidential cultural resources reports for the project. The Project Owner shall also provide the CRS and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities. Maps shall include the appropriate U.S. Geological Survey (USGS) quadrangles and a map at an appropriate scale (for example, 1:2000 or 1 inch = 200 feet) for plotting cultural features or materials. If the CRS requests enlargements or strip maps for linear facility routes, the Project Owner shall provide copies to the CRS and CPM. The CPM shall review submittals and, in consultation with the CRS, approve those that are appropriate for use in cultural resources planning activities. No ground disturbance shall occur prior to CPM approval of maps and drawings unless specifically approved by the CPM.	2. If there are changes to any project related-footprint, revised maps and drawings shall be provided	at least 15 days prior to start of ground disturbance, and construction for those changes.	As Required				As Required
CUL-2.3	CON	No preconstruction site activities shall occur prior to CPM approval of maps and drawings, unless specifically approved by the CPM. If construction of the project would proceed in phases, maps and drawings, not previously provided, shall be submitted prior to the start of each phase	If project construction is phased, if not previously provided, the project owner shall submit the subject maps and drawings	15 days prior to each phase	As Required				As Required

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CUL-2.4	CC	At a minimum, the CRS shall consult weekly with the project construction manager to confirm area(s) to be worked during the next week, until ground disturbance is completed. The project owner shall notify the CRS and CPM of any changes to the scheduling of the construction phases. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless specifically approved by the CPM.	A current schedule of anticipated project activity shall be provided to the CRS and CPM by letter, e-mail, or fax.	On a weekly basis during ground disturbance	06/01/11	5/3/2011	5/18/2011	5/12/2011	On-going
CUL-2.5	CON	At a minimum, the CRS shall consult weekly with the project construction manager to confirm area(s) to be worked during the next week, until ground disturbance is completed. The project owner shall notify the CRS and CPM of any changes to the scheduling of the construction phases. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless specifically approved by the CPM.	5. The project owner shall provide written notice of any changes to scheduling of construction phase.	Within 5 days of identifying changes	As Required				On-going
CUL-3.1	CON	Prior to the start of preconstruction site activity the project owner shall submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS, to the CPM for review and approval. The CPM shall provide the project owner with a model CRMMP to adapt for project use.	1. The project owner shall submit the CRMMP to the CPM for review and approval. Copies of the CRMMP shall reside with the CRS, alternate CRS, each monitor, and the project owner's on-site construction manager	At least 30 days prior to the start of ground disturbance	05/02/11	4/19/2011	5/15/2011		Awaiting Approval
CUL-4.1	CON	The Project Owner shall submit the Cultural Resources Report (CRR) to the County of Riverside, and to the Chairpersons of all Native American groups that requested additional information on the CVP Sentinel cultural resources, for review and comment. After the Project Owner has received comments from the County of Riverside and from the Native American Chairpersons, he/she shall submit the CRR and all received comments to the CPM for review and approval. The CRR shall be written by or under the direction of the CRS, shall be provided in the ARMR format, and shall conform to Riverside County's requirements for archaeological reports. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. If the Project Owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request. If artifacts and documentation are to be curated, the Project Owner shall provide documentation for approval by the CPM.	Within 90 days after completion of ground disturbance (including landscaping), the Project Owner shall submit the CRR to the Cultural Resources Specialist for the County of Riverside and the Chairpersons of all Native American groups that requested additional information on CPV Sentinel cultural resources. Sixty days thereafter, whether or not the county or Native Americans provide comments, the Project Owner shall submit the CRR and the comments, if any, to the CPM for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix.	Within 90 days after completion of ground disturbance	TBD				Not Started

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CUL-4.2	CON	The Project Owner shall submit the Cultural Resources Report (CRR) to the County of Riverside, and to the Chairpersons of all Native American groups that requested additional information on the CVP Sentinel cultural resources, for review and comment. After the Project Owner has received comments from the County of Riverside and from the Native American Chairpersons, he/she shall submit the CRR and all received comments to the CPM for review and approval. The CRR shall be written by or under the direction of the CRS, shall be provided in the ARMR format, and shall conform to Riverside County's requirements for archaeological reports. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. If the Project Owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request. If artifacts and documentation are to be curated, the Project Owner shall provide documentation for approval by the CPM.	Within 90 days after completion of ground disturbance (including landscaping), the Project Owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the California State Historical Resources Commission's Guidelines for the curation of Archaeological Collections to accept cultural materials, if any, from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	Within 90 days after completion of ground disturbance	TBD				Not Started

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CUL-4.3	CON	The Project Owner shall submit the Cultural Resources Report (CRR) to the County of Riverside, and to the Chairpersons of all Native American groups that requested additional information on the CVP Sentinel cultural resources, for review and comment. After the Project Owner has received comments from the County of Riverside and from the Native American Chairpersons, he/she shall submit the CRR and all received comments to the CPM for review and approval. The CRR shall be written by or under the direction of the CRS, shall be provided in the ARMR format, and shall conform to Riverside County's requirements for archaeological reports. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. If the Project Owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request. If artifacts and documentation are to be curated, the Project Owner shall provide documentation for approval by the CPM.	Within 10 days after CPM approval, the Project Owner shall provide documentation to the CPM confirming that copies of the CRR have been provided to the SHPO, the CHRIS, and the curating institution if archaeological materials were collected.	Within 10 days after CPM approval	TBD				Not Started

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CUL-4.4	CON	The Project Owner shall submit the Cultural Resources Report (CRR) to the County of Riverside, and to the Chairpersons of all Native American groups that requested additional information on the CVP Sentinel cultural resources, for review and comment. After the Project Owner has received comments from the County of Riverside and from the Native American Chairpersons, he/she shall submit the CRR and all received comments to the CPM for review and approval. The CRR shall be written by or under the direction of the CRS, shall be provided in the ARMR format, and shall conform to Riverside County's requirements for archaeological reports. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. If the Project Owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request. If artifacts and documentation are to be curated, the Project Owner shall provide documentation for approval by the CPM.	Within 30 days after requesting a suspension of construction activities, the Project Owner shall submit a draft CRR to the CPM for review and approval.	Within 30 days after requesting a suspension of construction activities	TBD				Not Started
CUL-5.2	CON	Prior to and for the duration of ground disturbance, the Project Owner shall provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment. The training shall be prepared by the CRS, may be conducted by any member of the archaeological team, and may be presented in the form of a video. The CRS shall be available (by telephone or in person) to answer questions posed by employees. The training may be discontinued when ground disturbance is completed or suspended, but shall be resumed when ground disturbance, such as landscaping, resumes.	On a monthly basis, the Project Owner shall provide in the Monthly Compliance Report (MCR) the WEAP Training Acknowledgement forms of persons who have completed the training in the prior month and a running total of all persons who have completed training to date.	Monthly	Monthly				On-going
CUL-6.2	CON	The research design in the CRMMP shall govern the collection, treatment, retention/disposal, and curation of any archaeological materials encountered.	2. The CRS shall provide a statement that "no cultural resources over 50 years of age were discovered" to the CPM as an e-mail or in some other form acceptable to the CPM, except during suspension of monitoring or when monitoring has concluded.	Each day that no discoveries are made	Daily				On-going
CUL-6.3	CON	On forms provided by the CPM, CRMs shall keep a daily log of any monitoring and other cultural resources activities and any instances of noncompliance with the Conditions and/or applicable LORS.	3. The project owner shall include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS. Copies of daily logs shall be retained by the project owner and made available for audit by the CPM.	Monthly while monitoring is ongoing	Monthly				On-going

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CUL-6.4	CON	In the event that the CRS believes that the current level of monitoring is not appropriate in certain locations, a letter or e-mail detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring.	4. Documentation justifying the change shall be submitted to the CPM for review and approval.	At least 24 hours prior to implementing a proposed change in monitoring level	As Required				On-going
CUL-7.2	CON	In the event cultural resources over 50 years of age or, if younger, considered exceptionally significant are found, or impacts to such resources can be anticipated, construction shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. Monitoring and daily reporting as provided in these conditions shall continue during all ground-disturbing activities wherever project construction is not halted. The halting or redirection of construction shall remain in effect until the CRS has visited the discovery and all of the required actions have occurred	2. Completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval	No later than 24 hours following the notification of the CPM or 48 hours following the completion of data recordation/recovery, whichever the CRS concludes is more appropriate for the subject cultural resource.	As Required				On-going
CUL-8.1	CON	If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are documented to and approved by the CPM, the CRS shall survey the borrow and/or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, all these conditions of certification shall apply. The CRS shall report on the methods and results of these surveys in the CRR.	1. As soon as the project owner knows that a non-commercial borrow site and/or disposal site will be used, he/she shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Immediately as necessary	As Required				As Required
CUL-8.2	CON	If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are documented to and approved by the CPM, the CRS shall survey the borrow and/or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, all these conditions of certification shall apply. The CRS shall report on the methods and results of these surveys in the CRR.	2. In the absence of documentation of recent archaeological survey the CRS shall survey the site(s) for archaeological resources. The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	At least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites	As Required				As Required

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ELEC-1	CON	Prior to the start of any increment of electrical construction for all electrical equipment and systems 480 Volts or higher 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. Upon approval, the 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	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.	At least 30 days (or within a project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	09/29/11				Not Started
GEN-1.1	CON	The project owner shall design, construct, and inspect the project in accordance with the 2007 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering laws, ordinances, regulations, and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval. The CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility (2007 CBC, Appendix. Chapter 1, § 101.2, Scope). All transmission facilities (lines, switchyards, switching stations, and substations) are covered in the Conditions of Certification in the Transmission System Engineering section of this Decision.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	Within 30 days following receipt of the certificate of occupancy	01/01/12				Not Started
GEN-1.2	CON	The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility (2007 CBC, Appendix. Chapter 1, § 101.2, Scope). All transmission facilities (lines, switchyards, switching stations, and substations) are covered in the Conditions of Certification in the Transmission System Engineering section of this Decision.	Once the certificate of occupancy has been issued, the project owner shall inform the CPM of any work to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	At least 30 days prior to any work performed	01/01/12				
GEN-2.2	CON	Before submitting the initial engineering designs for CBO review, the project owner shall furnish the CPM and the CBO with a schedule of facility design submittals, master drawing and master specifications lists. The schedule shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures and equipment. To facilitate audits by Energy Commission staff, the project owner shall provide specific packages to the CPM upon request.	The project owner shall provide schedule updates in the monthly compliance report.	Monthly	Monthly				On-going

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GEN-3.1	CON	The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, 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 2007 CBC (2007 CBC, Appendix Chapter 1, § 108, Fees; Chapter 1, § 108.4, Permits, Fees, Applications and Inspections), 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 otherwise agreed upon 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.	In accordance with the agreement between the project owner and the CBO	04/15/11	4/7/2011			On-going
GEN-3.2	CON	The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, 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 2007 CBC (2007 CBC, Appendix Chapter 1, § 108, Fees; Chapter 1, § 108.4, Permits, Fees, Applications and Inspections), 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 otherwise agreed upon by 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 applicable fees have been paid.	Monthly	Monthly				On-going
GEN-4.3	CON	The project owner shall assign a California registered architect, structural engineer, or civil engineer as the resident engineer in charge of the project.	If the resident engineer or the delegated engineer(s) is subsequently reassigned or replaced, the project owner shall submit the resume and registration number of the newly assigned engineer to the CBO for review and approval.	Within 5 days of designation	As Required				As Required
GEN-4.4	CON	The project owner shall assign a California registered architect, structural engineer, or civil engineer as the resident engineer in charge of the project.	The project owner shall notify the CPM of the CBO's approval of the new engineer	Within five days of approval	As Required				
GEN-5.4	CON	Prior to the start of construction, the project owner shall assign at least one of each of the following California registered engineers to the project: a design engineer who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; a mechanical engineer; and an electrical engineer.	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer	Within five days of the approval	As Required				As Required
GEN-6.1	CON	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 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in Conditions of Certification in the Transmission System Engineering section of this Decision.	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.	At least 15 days (or within a project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection	09/01/11				Not Started

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GEN-6.2	CON	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 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in Conditions of Certification in the Transmission System Engineering section of this Decision.	The project owner shall also submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.	Monthly	Monthly				On-going
GEN-6.3	CON	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 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in Conditions of Certification in the Transmission System Engineering section of this Decision.	If the special inspector is subsequently reassigned or replaced, the project owner shall submit the name and qualifications of the newly assigned special inspector to the CBO for approval.	Within 5 days of designation	As Required				As Required
GEN-6.4	CON	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 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in Conditions of Certification in the Transmission System Engineering section of this Decision.	The project owner shall notify the CPM of the CBO's approval of the newly assigned inspector	Within five days of the approval	As Required				As Required
GEN-7.1	CON	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 required corrective actions. 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, 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.	Monthly	As Required				As Required
GEN-7.2	CON	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 required corrective actions. 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, applicable sections of the CBC and/or other LORS.	If any corrective action is disapproved the project owner shall advise the CPM of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Within five days of disapproval	As Required				As Required

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GEN-8.1	CON	The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at an alternative site approved by the CPM during the operating life of the project.	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. After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents	Within 15 days of the completion of any work	TBD				Not Started
GEN-8.2	CON	Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	The project owner shall provide to the CBO three sets of electronic copies of the above documents at its own expense.	Within 90 days of the completion of construction	11/01/13				Not Started
MECH-1.1	CON	The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in FACILITY DESIGN Table 1, Condition of Certification GEN-2. The submittal shall also include 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 that construction	The project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	At least 30 days (or within a project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in FACILITY DESIGN Table 2, Condition of Certification GEN-2	TBD				Not Started
MECH-1.2	CON	The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in FACILITY DESIGN Table 1, Condition of Certification GEN-2. The submittal shall also include 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 that construction	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Monthly as required	As Required				Not Started
MECH-2.1	CON	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 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 that installation.	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.	At least 30 days (or within a project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel	TBD				Not Started
MECH-2.2	CON	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 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 that installation.	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal/OSHA inspection approvals.	Monthly as required	TBD				Not Started

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MECH-3	CON	The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC), or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. The project owner shall design and install all HVAC and refrigeration systems within buildings and related structures in accordance with the CBC and other applicable codes. Upon completion of any increment of construction, the project owner shall request the CBO's inspection and approval of that construction. The final plans, specifications and calculations shall include approved criteria, assumptions, and methods used to develop the design. In addition, the responsible mechanical engineer shall sign and stamp all plans, drawings and calculations and submit a signed statement to the CBO that the proposed final design plans, specifications and calculations conform with the applicable LORS.	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.	At least 30 days (or within a project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	TBD				Not Started
NOISE-2.1	CON	Throughout the construction and operation of the CPV Sentinel project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. • Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint;	The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within five days of receiving a noise complaint	As Required				As Required
NOISE-2.2	CON	• Attempt to contact the person(s) making the noise complaint within 24 hours;	The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within five days of receiving a noise complaint	As Required				As Required
NOISE-2.3	CON	• Conduct an investigation to determine the source of noise related to the complaint;	The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within five days of receiving a noise complaint	As Required				As Required
NOISE-2.4	CON	• Take all feasible measures to reduce the noise at its source if the noise is project related;	The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within five days of receiving a noise complaint	As Required				As Required

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NOISE-2.5	CON	• Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts, and if obtainable, a signed statement by the complainant stating that the noise problem is resolved to the complainant's satisfaction	The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within five days of receiving a noise complaint	As Required				As Required
PAL-1.3	CON	The project owner shall ensure that the PRS obtains qualified paleontological resource monitors to monitor as he or she deems necessary on the project.	If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM.	No later than one week prior to the monitor's beginning on-site duties	As Required				As Required
PAL-2.2	CON	If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	Revised maps and drawings shall be provided to the PRS and CPM	At least 15 days prior to the start of ground disturbance	As Required				As Required
PAL-2.3	CON	If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The project owner shall ensure that the PRS obtains qualified paleontological resource monitors to monitor as he or she deems necessary on the project. At a minimum, the Project Owner shall ensure that the PRS or PRM consults weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week, and until ground disturbance is completed.	The project owner shall notify the PRS and CPM of any construction phase scheduling changes. If there are changes to the scheduling of the construction phases, the project owner shall submit a letter to the CPM.	Within 5 days of identifying the changes and before work commences on affected phases. Consultations weekly until complete	As Required				
PAL-4.3	CON	Prior to ground disturbance and for the duration of construction activities involving ground disturbance, the project owner and the PRS shall prepare and conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, foremen and general workers involved with or who operate ground-disturbing equipment or tools. Workers shall not excavate in sensitive units prior to receiving CPM-approved worker training. Worker training shall consist of an initial in-person PRS training during the project kick-off, for those mentioned above. Following initial training, a CPM approved video or in-person training may be used for new employees. The training program may be combined with other training programs prepared for cultural and biological resources, hazardous materials, or other areas of interest or concern. No ground disturbance shall occur prior to CPM approval of the Worker Environmental Awareness Program (WEAP), unless specifically approved by the CPM.	If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval. Alternate trainers shall not conduct training prior to CPM authorization.	Prior to installation of an alternate trainer	As Required				As Required

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PAL-4.4	CON	Prior to ground disturbance and for the duration of construction activities involving ground disturbance, the project owner and the PRS shall prepare and conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, foremen and general workers involved with or who operate ground-disturbing equipment or tools. Workers shall not excavate in sensitive units prior to receiving CPM-approved worker training. Worker training shall consist of an initial in-person PRS training during the project kick-off, for those mentioned above. Following initial training, a CPM approved video or in-person training may be used for new employees. The training program may be combined with other training programs prepared for cultural and biological resources, hazardous materials, or other areas of interest or concern. No ground disturbance shall occur prior to CPM approval of the Worker Environmental Awareness Program (WEAP), unless specifically approved by the CPM.	In the monthly compliance report (MCR, the project owner shall provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	Monthly	Monthly				On-going
PAL-5.1	CON	The project owner shall ensure that the PRS and PRM(s) monitor all construction-related grading, excavation, trenching, and augering in areas where potential fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project consistent with the PRMMP . In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM.	The project owner shall ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified if changes in the monitoring plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	10 days in advance of any proposed changes in monitoring	As Required				On-going
PAL-5.2	CON	The project owner shall ensure that the PRS and PRM(s) have the authority to halt or redirect construction if paleontological resources are encountered. The project owner shall ensure that there is no interference with monitoring activities unless directed by the PRS. The project owner shall ensure that the PRS prepares a summary of monitoring and other paleontological activities placed in the monthly compliance reports. The summary will include the name(s) of PRS or PRM(s) active during the month, general descriptions of training and monitored construction activities, and general locations of excavations, grading, and other activities. A section of the report shall include the geologic units or subunits encountered, descriptions of samplings within each unit, and a list of identified fossils. A final section of the report will address any issues or concerns about the project relating to paleontologic monitoring, including any incidents of non-compliance or any changes to the monitoring plan that have been approved by the CPM. If no monitoring took place during the month, the report shall include an explanation in the summary as to why monitoring was not conducted.	The project owner shall ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified if changes in the monitoring plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	Monthly	Monthly				On-going

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PAL-6	CON	The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during project construction.	The project owner shall maintain in his/her compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists. The project owner shall maintain these files for a period of three years after project completion and approval of the CPM-approved paleontological resource report. The project owner shall be responsible for paying any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	Per PAL-7	As Required				As Required
PAL-7	CON	The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of the ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and submit it to the CPM for review and approval.	The project owner shall submit the PRR under confidential cover to the CPM.	Within 90 days after completion of ground-disturbing activities, including landscaping	TBD				Not Started
PUBLIC HEALTH-1	CON	The project owner shall develop and implement a Cooling Water Management Plan that is consistent with either Staff's *Cooling Water Management Program Guidelines* or the Cooling Technology Institute's *Best Practices for Control of Legionella* guidelines.	At least 30 days prior to the commencement of cooling tower operations, the Cooling Water Management Plan shall be provided to the Compliance Project Manager for review and approval.	At least 30 days prior to commencement of cooling tower operations	TBD				Not Started
SOIL&WATER 1.3	CON	**SWPPP for SoCal Gas Line:** The project owner shall comply with the requirements of the general National Pollution Discharge Elimination System (NPDES) permit for discharge of storm water associated with construction activity. The project owner shall develop, obtain compliance project manager (CPM) approval of, and implement a Storm Water Pollution Prevention Plan (SWPPP) for, the construction of the CPV Sentinel site, lay down area, and all linear facilities including the recycled water supply pipeline to PSNGC.	At least 60 days prior to site mobilization, the project owner shall submit to the CPM a copy of the construction SWPPP for review and approval prior to site mobilization. The project owner shall retain a copy on site. The project owner shall submit copies to the CPM of all correspondence between the project owner and the Colorado Region Regional Water Quality Control Board (RWQCB) regarding the NPDES permit for the discharge of storm water associated with construction activity within ten days of its receipt or submittal. Copies of correspondence shall include the notice of intent sent to the State Water Resources Control Board (SWRCB), and the board's confirmation letter indicating receipt and acceptance of the notice of intent.	At least 60 days prior to site mobilization	09/01/11				Not Started
SOIL&WATER 1.4	CON	**SWPPP for SCE Line:** The project owner shall comply with the requirements of the general National Pollution Discharge Elimination System (NPDES) permit for discharge of storm water associated with construction activity. The project owner shall develop, obtain compliance project manager (CPM) approval of, and implement a Storm Water Pollution Prevention Plan (SWPPP) for, the construction of the CPV Sentinel site, lay down area, and all linear facilities including the recycled water supply pipeline to PSNGC.	At least 60 days prior to site mobilization, the project owner shall submit to the CPM a copy of the construction SWPPP for review and approval prior to site mobilization. The project owner shall retain a copy on site. The project owner shall submit copies to the CPM of all correspondence between the project owner and the Colorado Region Regional Water Quality Control Board (RWQCB) regarding the NPDES permit for the discharge of storm water associated with construction activity within ten days of its receipt or submittal. Copies of correspondence shall include the notice of intent sent to the State Water Resources Control Board (SWRCB), and the board's confirmation letter indicating receipt and acceptance of the notice of intent.	At least 60 days prior to site mobilization	09/01/11				Not Started

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SOIL&WATER 1.5	CON	**SWPPP for DWA Water Line:** The project owner shall comply with the requirements of the general National Pollution Discharge Elimination System (NPDES) permit for discharge of storm water associated with construction activity. The project owner shall develop, obtain compliance project manager (CPM) approval of, and implement a Storm Water Pollution Prevention Plan (SWPPP) for, the construction of the CPV Sentinel site, lay down area, and all linear facilities including the recycled water supply pipeline to PSNGC.	At least 60 days prior to site mobilization, the project owner shall submit to the CPM a copy of the construction SWPPP for review and approval prior to site mobilization. The project owner shall retain a copy on site. The project owner shall submit copies to the CPM of all correspondence between the project owner and the Colorado Region Regional Water Quality Control Board (RWQCB) regarding the NPDES permit for the discharge of storm water associated with construction activity within ten days of its receipt or submittal. Copies of correspondence shall include the notice of intent sent to the State Water Resources Control Board (SWRCB), and the board's confirmation letter indicating receipt and acceptance of the notice of intent.	At least 60 days prior to site mobilization	09/01/11				Not Started
SOIL&WATER 10.1	CON	The project owner shall ensure that its recharge of groundwater complies with the following: 1. Recharge shall occur at the Desert Water Agency's (DWA's) Mission Creek Spreading Grounds	Verification: If recharge of other water is approved by the CPM pursuant to SOIL&WATER-11, the project owner shall, within 60 days of that approval, submit to the CPM copies of final agreements between the purchaser and the seller of the other water, between it and DWA, and between DWA and MWD (if water is to be delivered through an exchange with MWD) that ensure that the other water will be delivered to the Mission Creek spreading grounds.	Within 60 days of that approval of recharge of other water by the CPM	As Required				Not Started
SOIL&WATER-2.2	CON	The project owner shall complete all necessary plans, reports, documents, and monitoring necessary to satisfy the Conditions of Approval related to grading and flooding outlined in Draft Public Use Permit Number 897 issued by the County of Riverside, dated August 11, 2008, and Riverside County's Ordinance 754.2. Prior to initiation of construction activities, the project owner shall submit to the County of Riverside all necessary documentation, plans, and fees normally required for County's determination of compliance with Conditions of Approval, with copies to the CPM. The project shall not commence construction until the county of Riverside provides its written evaluation as to whether the proposed grading and flood control construction and operation activities complies with all county requirements and the CPM provides approval for construction. The project owner shall ensure compliance with all county standards and requirements for grading, erosion control, and flooding for the life of the project and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside requirements.	No later than 60 days prior to the start of facility construction the project owner will provide to the County of Riverside and CPM a copy of all necessary information to satisfy the Conditions of Approval for grading and flooding and for a building permit from the County of Riverside. The submittal must be reviewed by the County of Riverside and approved by the CPM.	No later than 60 days prior to the start of facility construction	10/31/11				In Progress

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SOIL&WATER-3.1	CON	The project owner shall construct and operate up to five onsite groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordnance 682, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well.	Verification: The project owner shall do all of the following: 1. No later than 30 days prior to the construction of the onsite water supply wells, the project owner shall submit two (2) copies to the CPM of the water well construction packet submitted to the County of Riverside. 2. No later than 15 days prior to the construction of the onsite water supply wells, the project owner shall submit two (2) copies of the written concurrence document from the County of Riverside indicating that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program .	No later than 30 days prior to the construction of the onsite water supply wells	08/15/11				Not Started

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SOIL&WATER-3.2	CON	The project owner shall construct and operate up to five onsite groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordnance 682, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well.	No later than 60 days after installation of each well at the project site, the project owner shall ensure that the well driller submits a Well Completion Report to the DWR with a copy provide to the CPM. The project owner shall submit to the CPM together with the Well Completion Report a copy of well drilling logs, water quality analyses, and any inspection reports that may be: 1. Submit copies to the CPM of any proposed well construction or operation permit changes within ten (10) days of submittal to or receipt from the County of Riverside. 2. Submit copies of any water well permit-related well monitoring reports required by the County of Riverside to the CPM in the annual compliance report. 3. No later than fifteen (15) days after completion of the onsite water supply wells, the project owner shall submit documentation to the CPM and the RWQCB that well drilling ac available for each well installed.	No later than 60 days after installation of each well at the project site, submit a Well Completion Report	09/30/11				Not Started

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SOIL&WATER-3.3	CON	The project owner shall construct and operate up to five onsite groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordnance 682, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well.	During well construction and for the operational life of the well, the project owner shall: 1. Submit copies to the CPM of any proposed well construction or operation changes. 2. Submit copies of any water well monitoring reports required by the County of Riverside to the CPM in the annual compliance report. 3. No later than fifteen (15) days after completion of the onsite water supply wells, the project owner shall submit documentation to the CPM and the RWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for project drilling activities were removed in compliance with 23 CCR section 2511(c).	During well construction and for the operational life of the well, submit proposed well construction or operation, Annually, Submit copies of any water well monitoring reports , No later than fifteen (15) days after completion of the onsite water supply wells, submit documentation that well drilling activities were conducted	09/30/11				Not Started
STRUC-2.1	CON	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	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 and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section. 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. The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action necessary to obtain the CBO's approval.	Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval	As Required				Not Started

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STRUC-2.2	CON	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: 2. Concrete pour sign-off sheets	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 and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section. 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. The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action necessary to obtain the CBO's approval.	Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval	As Required				Not Started
STRUC-2.3	CON	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: 3. Bolt torque inspection reports (including location of test, date, bolt size, and recorded torques)	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 and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section. 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. The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action necessary to obtain the CBO's approval.	Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval	As Required				As Required
STRUC-2.4	CON	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: 4. Field weld inspection reports (including type of weld, location of weld, inspection of non-destructive testing procedure and results, welder qualifications, certifications, qualified procedure description or number	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 and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section. 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. The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action necessary to obtain the CBO's approval.	Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval	As Required				As Required

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STRUC-2.5	CON	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: 5. Reports covering other structural activities requiring special inspections shall be in accordance with the 2007 CBC, Chapter 17, section 1704, Special Inspections, and section 1709.1, Structural Observations.	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 and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section. 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. The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action necessary to obtain the CBO's approval.	Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval	As Required				As Required
STRUC-3	CON	The project owner shall submit to the CBO design changes to the final plans required by the 2007 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to 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 required number of copies of any other documents to the CBO, with a copy of the transmittal letter to the CPM. The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	As required	As Required				As Required
STRUC-4.1	CON	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC, Chapter 3, Table 307.1(2), shall, at a minimum, be designed to comply with the requirements of that chapter.	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.	At least 30 days (or within a project owner- and CBO-approved alternate time frame) prior to the start of installation of tanks or vessels containing specified toxic or hazardous materials	TBD				Not Started
STRUC-4.2	CON	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC, Chapter 3, Table 307.1(2), shall, at a minimum, be designed to comply with the requirements of that chapter.	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Monthly as required	As Required				As Required
TLSN-1	CON	The project owner shall ensure that the proposed transmission lines are constructed according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2. High Voltage Electrical Safety Orders, Sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF-reduction guidelines.	The project owner shall submit to the Compliance Project Manager (CPM) a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the condition.	At least 30 days before starting construction of the transmission line or related structures and facilities	08/01/11				Not Started

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TRANS-1	CON	**ROAD Disturbance (County):** Prior to any ground disturbance within a public right-of-way the project owner shall secure an encroachment permit in accordance with the applicable requirements of the county of Riverside, the city of Palm Springs, and Caltrans (if applicable) for encroachment into the affected jurisdiction's public right-of-way.	The project owner shall provide to the CPM copies of the county of Riverside Transportation Department, the city of Palm Springs Department of Public Works and Engineering, and Caltrans (if applicable) issued/approved. The project owner shall retain copies of the issued/approved permit(s) and supporting documentation in its compliance fileencroachment permit(s).	Prior to ground disturbance in the public right-of-way	05/29/11	5/26/2011	6/1/2011	6/6/2011	Complete
TRANS-2.1	CON	The project owner shall comply with the applicable parking standards of the county of Riverside. The project owner shall prepare and submit to the CPM for approval a parking plan for the operation phase of the project in consultation with the county of Riverside. The operational parking plan shall show the location of the proposed parking area(s), a plot plan (diagram) with dimensions with an accurate portrayal of the number of parking spaces in accordance to the sizes stipulated in the applicable parking standards by the county of Riverside Transportation and Land Management Agency. The plan shall also show ingress/egress access (including emergency services vehicle access), parking lot circulation, car/van pool loading and unloading area(s) and any other item(s) that are requested by the county of Riverside Transportation and Land Use Management Agency subject to approval by the CPM. The operational parking plan shall include a policy to be enforced by the project owner stating all project-related parking occur onsite or in designated offsite parking areas as shown on the plan.	The project owner shall submit the proposed operation parking plan to the county of Riverside Department of Transportation for review and comment. The project owner shall provide to the CPM a copy of the transmittal letter submitted to the county of Riverside Department of Transportation requesting their review of the parking plan. The project owner shall provide any comment letters to the CPM for review. The applicant shall provide the county of Riverside Transportation and Land Management Agency 30 calendar days to review the parking plan and provide written comments to the project owner. The project owner shall provide a copy of the county of Riverside Transportation and Land Management Agency written comments and a copy of the parking plan(s) to the CPM for review and approval.	At least 90 days prior to operation, allow 30 days to review	04/05/13				Not Started
TRANS-2.2	CON	The project owner shall comply with the applicable parking standards of the county of Riverside. The project owner shall prepare and submit to the CPM for approval a parking plan for the operation phase of the project in consultation with the county of Riverside. The operational parking plan shall show the location of the proposed parking area(s), a plot plan (diagram) with dimensions with an accurate portrayal of the number of parking spaces in accordance to the sizes stipulated in the applicable parking standards by the county of Riverside Transportation and Land Management Agency. The plan shall also show ingress/egress access (including emergency services vehicle access), parking lot circulation, car/van pool loading and unloading area(s) and any other item(s) that are requested by the county of Riverside Transportation and Land Use Management Agency subject to approval by the CPM. The operational parking plan shall include a policy to be enforced by the project owner stating all project-related parking occur onsite or in designated offsite parking areas as shown on the plan.	At least 60 calendar days prior to the start of commercial operation, the project owner shall provide a copy of the operation phase parking plan to the CPM for review and approval.	At least 60 days prior to start of commercial operation	05/15/13				Not Started

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TRANS-4.2	CON	The project owner shall repair affected public rights-of-way (e.g., highway, road, bicycle path, pedestrian path) to original or near original condition that has been damaged due to construction activities conducted for the project and its associated facilities.	Within 60 calendar days after completion of construction, the project owner shall meet with the CPM, the county of Riverside Transportation and Land Management Agency, the city of Palm Springs Department of Public Works and Engineering, and Caltrans to identify sections of public right-of-way to be repaired, to establish a schedule to complete the repairs and to receive approval for the action(s). Following completion of any public right-of-way repairs, the project owner shall provide to the CPM a letter signed by the county of Riverside Transportation and Land Management Agency, the city of Palm Springs Department of Public Works and Engineering, and Caltrans stating their satisfaction with the repairs.	Within 60 calendar days after completion of construction	11/29/13				Not Started
TRANS-5	CON	Prior to the start of commercial operation, the project owner shall dedicate, and complete improvement of Melissa Lane from Dillon Road to the 16th Avenue according to the county of Riverside standard for a collector rural road – Riverside County Standard No. 136. The project owner shall improve this portion of Melissa Lane with 28-feet of asphalt concrete pavement within a 60-foot full-width dedicated right-of-way including standard corner cutback in accordance to county standards. The project owner shall also dedicate and complete improvement of roadway from 16th Avenue north to the project site to the County of Riverside standard for a commercial driveway – Riverside County Standard No. 207A, or improved to a standard agreed to by the Director of the County of Riverside Transportation and Land Management.	Not later than a 180 days prior to the estimated start of commercial operation, the project owner shall submit to the Director of the county of Riverside Transportation and Land Management Agency, Planning Department for review, the required improvement plan(s) for Melissa Lane, and the roadway north of 16th Avenue to the project site, and the completed forms for the dedication of the roadway segments. The project owner shall provide to the CPM a copy of the transmittal letter submitted to the county of Riverside Department of Transportation and Land Management Agency, Planning Department requesting their review of the improvement plans and dedication of roadway submitted for Melissa Lane and the roadway north of 16th Avenue to the project site. The project owner shall allow the Director of the county of Riverside Transportation and Land Management Agency, Planning Department 30 days to provide comment on the improvement plans and roadway dedication. The project owner shall provide a copy of the Director of the county of Riverside Transportation and Land Management Agency, Planning Department comments to the CPM prior to the start of construction of the improvements to Melissa Lane and the roadway north of 16th Avenue to the project site, and roadway dedication. If the CPM determines that the improvement plans and/or the roadway dedication requires revision, the project owner shall provide to the CPM and the Director of the county of Riverside Transportation and Land Management Agency, Planning Department a plan and/or roadway dedication	Not later than a 180 days prior to the estimated start of commercial operation	01/01/13				Not Started
TRANS-6	CON	Prior to the start of commercial operation, the project owner shall pay to the county of Riverside or designee, the Transportation Uniform Mitigation Fee calculated for the CPV Sentinel Energy Project in accordance to Riverside County Ordinance 673.	Prior to the start of commercial operation, the project owner shall provide to the CPM a copy of the receipt provided by the county of Riverside or its designee demonstrating payment of Transportation Uniform Mitigation Fee.	Prior to the start of commercial operation	TBD	6/9/2011	6/24/2011	6/20/2011	Complete

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TSE-1.1	CON	The project owner shall ensure that a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List are furnished to the CPM and to the CBO. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment. To facilitate audits by Energy Commission staff, the project owner shall ensure that designated packages are provided to the CPM when requested. To facilitate audits by Energy Commission staff, the project owner shall provide designated packages to the CPM when requested.	The project owner shall submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment. Additions and deletions shall be made to the table only with CPM and CBO approval. The project owner shall provide schedule updates in the Monthly Compliance Report.	At least 60 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of construction	TBD				Not Started
TSE-1.2	CON	The project owner shall ensure that a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List are furnished to the CPM and to the CBO. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment. To facilitate audits by Energy Commission staff, the project owner shall provide designated packages to the CPM when requested.	The project owner shall provide schedule updates in the Monthly Compliance Repor	Monthly	Monthly				On-going
TSE-2.1	CON	Prior to the start of construction the project owner shall ensure that an electrical engineer and at least one of each of the following are assigned to the project: A) a civil engineer; B) a geotechnical engineer, or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer. (Bus.& Prof. Code §§ 6704 et seq., require state registration to practice as a civil engineer or structural engineer in California.)	The project owner shall submit to the CBO for review and approval, the names, qualifications and registration numbers of all engineers assigned to the project. If any one of the designated engineers is subsequently reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer. This engineer shall be authorized to halt earthwork and to require changes; if site conditions are unsafe or do not conform with predicted conditions used as a basis for design of earthwork or foundations.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of rough grading	TBD				Not Started
TSE-2.2	CON	Prior to the start of construction the project owner shall ensure that an electrical engineer and at least one of each of the following are assigned to the project: A) a civil engineer; B) a geotechnical engineer, or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer. (Bus.& Prof. Code §§ 6704 et seq., require state registration to practice as a civil engineer or structural engineer in California.)	The project owner shall notify the CPM of the CBO's approvals of the engineers	Within five days of the approval	TBD				Not Started

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TSE-2.3	CON	Prior to the start of construction the project owner shall ensure that an electrical engineer and at least one of each of the following are assigned to the project: A) a civil engineer; B) a geotechnical engineer, or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer. (Bus.& Prof. Code §§ 6704 et seq., require state registration to practice as a civil engineer or structural engineer in California.)	If the designated responsible engineer is subsequently reassigned or replaced, the project owner must submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	Within five days from notification	As Required				As Required
TSE-2.4	CON	Prior to the start of construction the project owner shall ensure that an electrical engineer and at least one of each of the following are assigned to the project: A) a civil engineer; B) a geotechnical engineer, or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer. (Bus.& Prof. Code §§ 6704 et seq., require state registration to practice as a civil engineer or structural engineer in California.)	The project owner shall notify the CPM of the CBO's approval of the new engineer	Within five days of the approval	As Required				As Required
TSE-3	CON	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 ensure that the discrepancy is documented and corrective action is recommended. (1998 CBC, Chap. 1, § 108.4, Approval Required; Chap. 17, § 1701.3, Duties and Responsibilities of the Special Inspector; appen. Chap. 33, § 3317.7, Notification of Noncompliance). The project owner shall ensure that the discrepancy documentation becomes a controlled document and is submitted to the CBO for review and approval and references this condition of certification.	The project owner shall ensure that a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy is submitted to the CPM within 15 days of receipt. If disapproved, the project owner shall ensure that the CPM is advised, within five days, the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.	Within 15 days of receipt	TBD				Not Started
TSE-4	CON	For the power plant switchyard, outlet line and termination, the project owner shall ensure that until plans for that increment have been approved by the CBO construction does not begin any increment. 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 ensure that the CBO is requested to inspect the installation to ensure compliance with the requirements of applicable LORS.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction, the project owner shall ensure that 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, are submitted to the CBO for review and approval and a copy of the transmittal letter is sent to the CPM in the next Monthly Compliance Report.	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	TBD				Not Started

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TSE-5.1	CON	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO.	The project owner shall ensure that the following are submitted to the CBO for approval: a) Design drawings, specifications and calculations conforming with CPUC General Order 95 or NESC, Title 8, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", NEC, applicable interconnection standards and related industry standards, for the poles/towers, foundations, anchor bolts, conductors, grounding systems and major switchyard equipment.	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO	TBD				Not Started
TSE-5.2	CON	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO.	The project owner shall ensure that the following are submitted to the CBO for approval: b) For each element of the transmission facilities identified above, the submittal package to the CBO shall contain the design criteria, a discussion of the calculation method(s), a sample calculation based on "worst case conditions" and a statement signed and sealed by the registered engineer in responsible charge, or other acceptable alternative verification, that the transmission element(s) will conform with CPUC General Order 95 or NESC, Title 8, California Code of Regulations, Articles 35, 36 and 37 of the, "High Voltage Electric Safety Orders", NEC, applicable interconnection standards, and related industry standards.	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO	TBD				Not Started
TSE-5.3	CON	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO.	The project owner shall ensure that the following are submitted to the CBO for approval: c) Electrical one-line diagrams signed and sealed by the registered professional electrical engineer in responsible charge, a route map, and an engineering description of equipment and the configurations covered by requirements TSE-5 a) through f)	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO	TBD				Not Started
TSE-5.4	CON	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO.	The project owner shall submit to the CBO for approval: d) A line route drawing after selecting one of the alternate route options for the generator 230 kV interconnection tie line.	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO	TBD				Not Started
TSE-5.5	CON	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO.	The project owner shall ensure that the following are submitted to the CBO for approval: e) The SPS sequencing and timing if applicable shall be provided concurrently to the CPM.	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO	TBD				Not Started

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TSE-5.6	CON	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO.	The project owner shall ensure that the following are submitted to the CBO for approval: f) The executed project owner and California ISO Large Generator Interconnection Agreement.	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO	TBD				Not Started
TSE-5.7	CON	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO.	The project owner shall ensure that the following are submitted to the CBO for approval: g) A letter stating that the mitigation measures or projects selected by the transmission owners for each criteria violation are acceptable.	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO	TBD				Not Started
TSE-5.8	CON	The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO.	The project owner shall ensure that the following are submitted to the CBO for approval: h) The Operational study report based on 2010 system conditions (including operational mitigation measures) from the California SO and/or SCE.	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO	TBD				
TSE-6	CON	The project owner shall ensure that the CPM and CBO are informed of any impending changes that may not conform to 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 ensure that the CBO and the CPM Uare informed Uof any impending changes that` may not conform to requirements of TSE-5 and request approval to implement such changes.	At least 60 days prior to the construction of transmission facilities	TBD				
VIS-1.1	CON	The project owner shall treat the surfaces of all project structures and buildings visible to the public so that their colors minimize visual intrusion and contrast by blending with the desert landscape in both color and value; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances.	The project owner shall submit to the CPM for review and approval, and simultaneously to Riverside County for review and comment, a specific surface treatment plan that will satisfy these requirements.	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	06/15/11	6/9/2011	6/24/2011		Awaiting Approval

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VIS-1.2	CON	The project owner shall treat the surfaces of all project structures and buildings visible to the public so that their colors minimize visual intrusion and contrast by blending with the desert landscape in both color and value; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances.	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval and simultaneously to Riverside County for review and comment.	Immediately as necessary	As Required				Not Started
VIS-1.3	CON	The project owner shall treat the surfaces of all project structures and buildings visible to the public so that their colors minimize visual intrusion and contrast by blending with the desert landscape in both color and value; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances.	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and they are ready for inspection and shall submit one set of electronic color photographs from the same key observation points (KOPs) analyzed in this report.	Prior to the start of commercial operation	TBD				Not Started
VIS-2.1	CON	To the extent feasible and consistent with safety and security considerations, the project owner shall design and install all permanent exterior lighting so that: a) lamps and reflectors are not visible from beyond the project site, including any off-site construction laydown areas and security buffer areas; b) lighting does not cause excessive reflected glare; c) direct lighting does not illuminate the nighttime sky; d) illumination of the project and its immediate vicinity is minimized; e) lighting on the exhaust stacks shall be the minimum needed to satisfy safety and security concerns; and f) the plan complies with local policies and ordinances of Riverside County.	The project owner shall contact the CPM to discuss the documentation required in the lighting mitigation plan.	At least 90 days prior to ordering any permanent exterior lighting	01/01/12				Not Started
VIS-2.2	CON	The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan.	The project owner shall submit to the CPM for review and approval and simultaneously to Riverside County for review and comment a lighting mitigation plan.	At least 60 days prior to ordering any permanent exterior lighting	01/01/12				Not Started
VIS-2.3	CON	The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan.	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a revised plan for review and approval by the CPM.	At least 7 days prior to ordering	01/01/12				Not Started
VIS-2.4	CON	Prior to commercial operation the project owner shall notify the CPM that the lighting has been completed and is ready for inspection.	If after inspection the CPM notifies the project owner that modifications to the lighting are needed the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.	Within 30 days of receiving that notification	As Required				As Required
VIS-3.1	CON	The project owner shall develop a landscape plan that: a) reduces the visibility of the project from the south and west; b) utilizes drought tolerant landscaping and incorporates adequate drought-conscious irrigation systems; and c) complies with local policies and ordinances of Riverside County, including Policy WCVAP 12.4 which requires screening and/or landscaping of outdoor storage areas, such as contractor storage yards and similar uses. Plantings on the south side of the project are to screen views of the project by residents that live to the south and west of the project	The project owner shall submit to the CPM for review and approval and simultaneously to Riverside County for review and comment, a landscaping plan providing proper implementation that will satisfy these requirements.	At least 90 days prior to installation. Installation must occur the first optimal planting season following site mobilization.	TBD				Not Started

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	Requested CEC (or CBO or Agency) Approval Date	CEC/ Agency Approval Date	Status
VIS-3.2	CON	The project owner shall develop a landscape plan that: a) reduces the visibility of the project from the south and west; b) utilizes drought tolerant landscaping and incorporates adequate drought-conscious irrigation systems; and c) complies with local policies and ordinances of Riverside County, including Policy WCVAP 12.4 which requires screening and/or landscaping of outdoor storage areas, such as contractor storage yards and similar uses. Plantings on the south side of the project are to screen views of the project by residents that live to the south and west of the project	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM and simultaneously to Riverside County a revised plan for review and approval by the CPM.	Within 30 days of receipt of comments	As Required				As Required
VIS-3.3	CON	The project owner shall develop a landscape plan that: a) reduces the visibility of the project from the south and west; b) utilizes drought tolerant landscaping and incorporates adequate drought-conscious irrigation systems; and c) complies with local policies and ordinances of Riverside County, including Policy WCVAP 12.4 which requires screening and/or landscaping of outdoor storage areas, such as contractor storage yards and similar uses. Plantings on the south side of the project are to screen views of the project by residents that live to the south and west of the project	The planting must occur during the first optimal planting season following site mobilization. The project owner shall simultaneously notify the CPM and Riverside County that the landscaping is ready for inspection.	Within seven days after completing installation of the landscaping	TBD				Not Started
WASTE-2.1	CON	If potentially hazardous material or contaminated soil is identified during project construction or operation at the proposed site or linear facilities as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Registered PE or Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of the hazardous material or contamination soil, and file a written report to the project owner, appropriate regulatory agency, and CPM stating the recommended course of action.	The project owner shall submit any final reports filed by the Registered Professional Engineer or Geologist to the CPM	Within 5 days of their receipt	As Required				As Required
WASTE-2.2	CON	The Registered PE 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 PE or Geologist, significant remediation may be required, the project owner shall contact representatives of the Riverside County Department of Environmental Health for guidance and possible oversight.	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.	Within 24 hours	As Required				As Required
WASTE-3	CON	If an abandoned well is located during construction or operation, the project owner shall comply with Division of Oil, Gas, and Geothermal Resources (DOGGR) procedures for abandonment of an orphaned oil or gas wells and CCR Title 14, Division 2. The project owner shall also submit to the DOGGR, in writing: (1) a detailed description of the status of the oil/gas well; (2) an explanation of the results of the visual site survey and geophysical survey; and (3) a request, in accordance with DOGGR requirements to certify the well has been properly abandoned.	A copy of the project owner's written submittal to the DOGGR and a copy of the DOGGR response indicating the well has been properly abandoned, shall be forwarded to the CPM	Within 10 days of submittal and receipt of response	As Required				As Required

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	Requested CEC (or CBO or Agency) Approval Date	CEC/ Agency Approval Date	Status
WASTE-6	CON	The project owner shall ensure that spills or releases of hazardous substances, hazardous materials, or hazardous wastes associated with the construction or operation of the project are reported, delineated, cleaned-up, and remediated as necessary, under the supervision of a California Professional Geologist or Engineer and in accordance with the requirements of the Riverside County Department of Environmental Health. This responsibility excludes construction, operation, and maintenance of the transmission lines, which will be installed, operated, and maintained by Southern California Edison.	The project owner shall document all unauthorized spills or releases of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors. Copies of the unauthorized spill documentation shall be provided to the CPM	Within 30 days of the date the release was discovered	As Required				As Required
WASTE-7	CON	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 project owner contracts.	The project owner shall notify the CPM, in writing. The CPM shall notify the project owner of any changes that would be required in the way project-related wastes are managed.	Within 10 days of becoming aware of an impending enforcement action	As Required				As Required
WORKER SAFETY-3.2	CON	The project owner shall provide a site Construction Safety Supervisor (CSS) who is knowledgeable of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards.	The CSS shall submit in the Monthly Compliance Report a monthly safety inspection report	Monthly	Monthly				On-going

APPENDIX B
CBO Documentation

Submittals to CBO

Mott MacDonald

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SENTINEL-0134-MM-CSA-Fire Pumphouse.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/2/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: CSA Documents	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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CF	Certified – Final	VV	Void
IO	Information Only – No Approval Required		
NA	Not Approved – Not Released for Fabrication		

Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-C-010-Fire Pumphouse FDN-R0.pdf	289497-C-010-Fire Pumphouse FDN-R0		0	Fire Pump FDN	For Construction
289497-Y-141-Fire Pump FDN-R0.pdf	289497-Y-141-Fire Pump FDN-R0		0	Fire Pumphouse FDN	For Construction

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SENTINEL-0138-MM-CSA-Foundation Arrangement.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/7/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: CSA Foundation Arrangement	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

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Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-C-100-Foundation Arrangement Plan C-100-RB.pdf	289497-C-100-Foundation Arrangement Plan C-100-RB		B	Foundation Arrangement Plan	For Review

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SENTINEL-0140-MM-E- Grounding Plans.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/07/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Electrical Documents	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

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Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-E-201Overall Grounding Plan REV B.pdf	289497-E-201Overall Grounding Plan REV B		B	289497-E-201Overall Grounding Plan REV B	For Review
289497-E-204 CTG#1 SH 1 of 8 REV A.pdf	289497-E-204 CTG#1 SH 1 of 8 REV A		A	289497-E-204 CTG#1 SH 1 of 8 REV A	For Review
289497-E-204 CTG#2 SH 2 of 8 REV A.pdf	289497-E-204 CTG#2 SH 2 of 8 REV A		A	289497-E-204 CTG#2 SH 2 of 8 REV A	For Review
289497-E-204 CTG#3 SH 3 of 8 REV A.pdf	289497-E-204 CTG#3 SH 3 of 8 REV A		A	289497-E-204 CTG#3 SH 3 of 8 REV A	For Review
289497-E-204 CTG#4 Grounding Plan SH 4 of 8 REV A.pdf	289497-E-204 CTG#4 Grounding Plan SH 4 of 8 REV A		A	289497-E-204 CTG#4 Grounding Plan SH 4 of 8 REV A	For Review
289497-E-204 CTG#5 Grounding Plan SH 5 of 8 REV A.pdf	289497-E-204 CTG#5 Grounding Plan SH 5 of 8 REV A		A	289497-E-204 CTG#5 Grounding Plan SH 5 of 8 REV A	For Review
289497-E-204 CTG#6 Grounding Plan SH 6 of 8 REV A.pdf	289497-E-204 CTG#6 Grounding Plan SH 6 of 8 REV A		A	289497-E-204 CTG#6 Grounding Plan SH 6 of 8 REV A	For Review
289497-E-204 CTG#7 Grounding Plan SH 7 of 8 REV A.pdf	289497-E-204 CTG#7 Grounding Plan SH 7 of 8 REV A		A	289497-E-204 CTG#7 Grounding Plan SH 7 of 8 REV A	For Review
289497-E-204 CTG#8 Grounding Plan SH 8 of 8 REV A.pdf	289497-E-204 CTG#8 Grounding Plan SH 8 of 8 REV A		A	289497-E-204 CTG#8 Grounding Plan SH 8 of 8 REV A	For Review
289497-E-205 Raw Water Storage Tank Area Grounding Plan SH 1 of 6 REV A.pdf	289497-E-205 Raw Water Storage Tank Area Grounding Plan SH 1 of 6 REV A		A	289497-E-205 Raw Water Storage Tank Area Grounding Plan SH 1 of 6 REV A	For Review
289497-E-205 Demineralized Water Storage Tank Area Grounding Plan SH 2 of 6 REV A.pdf	289497-E-205 Demineralized Water Storage Tank Area Grounding Plan SH 2 of 6 REV A		A	289497-E-205 Demineralized Water Storage Tank Area Grounding Plan SH 2 of 6 REV A	For Review
289497-E-205 Waste Water Treatment Area Grounding Plan SH 3 of 6 REV A.pdf	289497-E-205 Waste Water Treatment Area Grounding Plan SH 3 of 6 REV A		A	289497-E-205 Waste Water Treatment Area Grounding Plan SH 3 of 6 REV A	For Review

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289497-E-205 Warehouse & Operations Building Area Grounding Plan SH 4 of 6 REV A.pdf	289497-E-205 Warehouse & Operations Building Area Grounding Plan SH 4 of 6 REV A		A	289497-E-205 Warehouse & Operations Building Area Grounding Plan SH 4 of 6 REV A	**For Review**
289497-E-205 Gas Compressor Area Grounding Plan SH 5 of 6 REV A.pdf	289497-E-205 Gas Compressor Area Grounding Plan SH 5 of 6 REV A		A	289497-E-205 Gas Compressor Area Grounding Plan SH 5 of 6 REV A	**For Review**
289497-E-205 Ammonia Storage Area Grounding Plan SH 6 of 6 REV A.pdf	289497-E-205 Ammonia Storage Area Grounding Plan SH 6 of 6 REV A		A	289497-E-205 Ammonia Storage Area Grounding Plan SH 6 of 6 REV A	**For Review**

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SENTINEL-0142-MM-M-Fuel Gas Compressor.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/08/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Mechanical Specification	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☐ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

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Project Engineering Manager: Val Madden

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Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-SP-15495 Fuel Gas Compressor Spec Rev 1.pdf	289497-SP-15495 Fuel Gas Compressor Spec Rev 1		1	289497-SP-15495 Fuel Gas Compressor	**Conformed**

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SENTINEL-0143-MM-M-Deep Well Drilling and Systems.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/08/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Mechanical Specification	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☐ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

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Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-SP-15302 Deep Well Drilling and Systems Rev B.pdf	289497-SP-15302 Deep Well Drilling and Systems Rev B		B	289497-SP-15302 Deep Well Drilling and Systems Rev B	**For Review**

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Sentinel-0149-MM-P&ID Fuel Gas. Legend & Symbols. Compressed Air & ZLD System.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/10/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: P&ID	

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Project Engineering Manager: Val Madden

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289497-D-001 RB-Legend & Symbols Sheet 1.pdf	289497-D-001 RB-Legend & Symbols Sheet 1		B	289497-D-001 RB-Legend & Symbols Sheet 1	For Review
289497-D-002 RB-Legend & Symbols Sheet 2.pdf	289497-D-002 RB-Legend & Symbols Sheet 2		B	289497-D-002 RB-Legend & Symbols Sheet 2	For Review
289497-D-007 RB-FUEL GAS SYSTEM SHT 1.pdf	289497-D-007 RB-FUEL GAS SYSTEM SHT 1		B	289497-D-007 RB-FUEL GAS SYSTEM SHT 1	For Review
289497-D-008 RB-FUEL GAS SYSTEM SHT 2.pdf	289497-D-008 RB-FUEL GAS SYSTEM SHT 2		B	289497-D-008 RB-FUEL GAS SYSTEM SHT 2	For Review
289497-D-009 RB-FUEL GAS SYSTEM SHT 3.pdf	289497-D-009 RB-FUEL GAS SYSTEM SHT		B	289497-D-009 RB-FUEL GAS SYSTEM SHT	For Review
289497-D-010 RB-FUEL GAS SYSTEM SHT 4.pdf	289497-D-010 RB-FUEL GAS SYSTEM SHT 4		B	289497-D-010 RB-FUEL GAS SYSTEM SHT 4	For Review
289497-D-011 RB-FUEL GAS SYSTEM SHT 5.pdf	289497-D-011 RB-FUEL GAS SYSTEM SHT 5		B	289497-D-011 RB-FUEL GAS SYSTEM SHT 5	For Review
289497-D-012 RB-FUEL GAS SYSTEM SHT 6.pdf	289497-D-012 RB-FUEL GAS SYSTEM SHT 6.		B	289497-D-012 RB-FUEL GAS SYSTEM SHT 6.	For Review
289497-D-013 RB-FUEL GAS SYSTEM SHT 7.pdf	289497-D-013 RB-FUEL GAS SYSTEM SHT 7		B	289497-D-013 RB-FUEL GAS SYSTEM SHT 7	For Review
289497-D-020 RB-Compressed Air System.pdf	289497-D-020 RB-Compressed Air System		B	289497-D-020 RB-Compressed Air System	For Review
289497-D-029 RB-ZLD SYSTEM.pdf	289497-D-029 RB-ZLD SYSTEM		B	289497-D-029 RB-ZLD SYSTEM	For Review

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SENTINEL-0152-MM-M-Equipment Location Part Plan Area CTG Unit 1.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/10/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Mechanical Specification	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☐ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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IO	Information Only – No Approval Required		
NA	Not Approved – Not Released for Fabrication		

Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-G-152-RB Eqp Location Part Plan Area CTG Unit 1.pdf	289497-G-152-RB Eqp Location Part Plan Area CTG Unit 1		B	289497-G-152-RB Eqp Location Part Plan Area CTG Unit 1	**For Review**

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SENTINEL-0157-MM-M-Deep Well Drilling and Systems.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/14/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Mechanical Specification	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☐ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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☐ Other:	☐ Issued for Constructability Review ☐ Issued for Bidding Purpose ☐ Issued for Ordering Material ☐ Issued for Construction ☐ Issued for Permitting ☐ Issued for Fabrication ☐ Issued for Record Purposes ☐ Other: Conformed

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IO	Information Only – No Approval Required		
NA	Not Approved – Not Released for Fabrication		

Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-SP-15302 Deep Well Drilling and Systems Rev C.pdf	289497-SP-15302 Deep Well Drilling and Systems Rev C		C	289497-SP-15302 Deep Well Drilling and Systems Rev C	**For Review**

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SENTINEL-0162-MM-E- Temporary Construction Power .doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/17/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Electrical Documents	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-E-191-Temporary Construction Power-Rev0.pdf	289497-E-191-Temporary Construction Power-Rev0		0	289497-E-191-Temporary Construction Power-Rev0	For Review

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SENTINEL-0165-MM-E-Electrical Symbols and Legend.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/17/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Electrical Documents	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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NA	Not Approved – Not Released for Fabrication		

Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-E-100-Electrical Symbols and Legend- Rev. 0.pdf	289497-E-100-Electrical Symbols and Legend- Rev. 0		0	289497-E-100-Electrical Symbols and Legend- Rev. 0	For Review

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Sentinel-0178-MM-P&ID Fuel Gas Filters. Well & Raw Water System. Demin Water System. Waste Water Collection. Fire Protection.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/24/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: P&ID	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bob Figuerado

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-D-014 RC-FUEL GAS FILTERS SHT 8.pdf	289497-D-014 RC-FUEL GAS FILTERS SHT 8	8	C	289497-D-014 RC-FUEL GAS FILTERS SHT 8	For Review
289497-D-022 RC-WELL & RAW WATER SYSTEM.pdf	289497-D-022 RC-WELL & RAW WATER SYSTEM		C	289497-D-022 RC-WELL & RAW WATER SYSTEM	For Review
289497-D-023 RC-DEMINERALIZED WATER SYSTEM.pdf	289497-D-023 RC-DEMINERALIZED WATER SYSTEM		C	289497-D-023 RC-DEMINERALIZED WATER SYSTEM	For Review
289497-D-024 RC-WASTE WATER COLLECTION.pdf	289497-D-024 RC-WASTE WATER COLLECTION		C	289497-D-024 RC-WASTE WATER COLLECTION	For Review
289497-D-025 RB-FIRE PROTECTION.pdf	289497-D-025 RB-FIRE PROTECTION		B	289497-D-025 RB-FIRE PROTECTION	For Review

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Sentinel-0179-MM-CSA-Excavation and Filling.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/24/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: CSA Excavation and Filling	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-CSA-SP-02221-Excavation and Filling-R0.pdf	289497-CSA-SP-02221-Excavation and Filling-R0		0	Excavation and Filling	For Construction

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(Tel) 781-915-0015 ♦ (Fax) 781-915-0001

SENTINEL-0181-MM-M-Packaged Compressed Air System.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**6/29/2011**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Mechanical Specification	

SHIPPING METHOD: ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☐ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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Electronic File Name	Document Number	Sht	Rev	Title	Status
289497-SP-M-15490 Packaged Compressed Air System Rev B.pdf	289497-SP-M-15490 Packaged Compressed Air System Rev B		B	289497-SP-M-15490 Packaged Compressed Air System Rev B	For Review

CBO Approvals

Smith, Emily

From: woon.lee@us.bureauveritas.com
Sent: Tuesday, June 07, 2011 12:50 PM
To: karent@gemmapower.com; charlescollins@gemmapower.com; paulwest@gemmapower.com; thomasmastronarde@gemmapower.com; glennlacey@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@gemmapower.com; ericwhitehouse@gemmapower.com; carlflodquist@gemmapower.com; Dillon, Jean; Davenport, John; Madden, Valentine; Davis, Charles; Pretorius, Eric; Laffey, Michael; Figuerado, Robert; Walsh, Jim (Westwood); Ghantous, Nizom; mmcdaniels@cpv.com; jmurphy@cpv.com; mturner@cpv.com; jmcclelland@cpv.com; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; maggie_fitzgerald@urscorp.com; Kathy_rushmore@urscorp.com; johnseidler@spectrumenergy.com; Amanda_Johnson@URSCorp.com; sharikiefer@spectrumenergy.com; Carey, William; Kibby, Scott; Kirby, Christopher; Ethanmccrea@gemmapower.com; Nosal, Robert; Porter, David; melissaslusz@gemmapower.com; brettgish@gemmapower.com; Smith, Emily; Ghantous, Nizom; karent@gemmapower.com; charlescollins@gemmapower.com; paulwest@gemmapower.com; thomasmastronarde@gemmapower.com; glennlacey@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@gemmapower.com; ericwhitehouse@gemmapower.com; carlflodquist@gemmapower.com; Dillon, Jean; Davenport, John; Sullivan, Lawrence; Madden, Valentine; Davis, Charles; Pretorius, Eric; Laffey, Michael; Figuerado, Robert; Walsh, Jim (Westwood); Ghantous, Nizom; mmcdaniels@cpv.com; jmurphy@cpv.com; mturner@cpv.com; jmcclelland@cpv.com; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; maggie_fitzgerald@urscorp.com; Kathy_rushmore@urscorp.com; johnseidler@spectrumenergy.com; Amanda_Johnson@URSCorp.com; sharikiefer@spectrumenergy.com; Carey, William; Kibby, Scott; Kirby, Christopher; Ethanmccrea@gemmapower.com; Nosal, Robert; Porter, David; melissaslusz@gemmapower.com; brettgish@gemmapower.com; Smith, Emily; Ghantous, Nizom; ericwhitehouse@gemmapower.com
Cc: keith.long@us.bureauveritas.com; nancy.sheperd@us.bureauveritas.com; ken.griffithe@us.bureauveritas.com; jamie.saldana@us.bureauveritas.com; crystal.garza@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com
Subject: CPV Sentinel - GEN-6-1.0-Submittal of Qualifications for Special Inspectors-PC2 - Approved / Reference Only

Hello,

The CPV Sentinel submittal "GEN-6-1.0-Submittal of Qualifications for Special Inspectors-PC2," has been reviewed and approved, the submittal also contains reference only documents, you will find the documents on BVnet under the respective title, feel free to contact me with any questions or concerns.

Respectfully,

Woon Lee
CBO Project Coordinator
Bureau Veritas North America, Inc.
180 Promenade Circle, Suite 150
Sacramento, CA 95835
P: 916.514.4518
F: 916.617.2068
woon.lee@us.bureauveritas.com
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Dillon, Jean

From: jamie.saldana@us.bureauveritas.com
Sent: Monday, June 27, 2011 2:58 PM
To: karent@gemmapower.com; charlescollins@gemmapower.com; paulwest@gemmapower.com; thomasmastronarde@gemmapower.com; glennlacey@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@gemmapower.com; ericwhitehouse@gemmapower.com; carlflodquist@gemmapower.com; Dillon, Jean; Davenport, John; Sullivan, Lawrence; Madden, Valentine; charlie.davis@mottmacinc.com; Pretorius, Eric; Laffey, Michael; Figuerado, Robert; Walsh, Jim (Westwood); Ghantous, Nizom; mmcdaniels@cpv.com; jmurphy@cpv.com; mturner@cpv.com; jmcclelland@cpv.com; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; maggie_fitzgerald@urscorp.com; Kathy_rushmore@urscorp.com; johnseidler@spectrumenergy.com; Amanda_Johnson@URSCorp.com; sharikiefer@spectrumenergy.com; Carey, William; Kibby, Scott; Kirby, Christopher; Ethanmccrea@gemmapower.com; robertnosal@hatchmott.com; Porter, David; melissaslusz@gemmapower.com; brettgish@gemmapower.com; Smith, Emily
Cc: keith.long@us.bureauveritas.com; nancy.sheperd@us.bureauveritas.com; crystal.garza@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com
Subject: CPV Sentinel - GEN-1-1.1-Submittal of Temporary Utilities-PC1 - Approved

Categories: Red Category

Hello,

The CPV Sentinel submittal "GEN-1-1.1-Submittal of Temporary Utilities-PC1," has been reviewed and approved you will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Respectfully,

Jamie Saldana, CPT
CBO Project Coordinator/Document Control – Power & Utilities
Bureau Veritas North America, Inc.
180 Promenade Circle #150
Sacramento, CA 95834
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Dillon, Jean

From: jamie.saldana@us.bureauveritas.com
Sent: Monday, June 27, 2011 2:51 PM
To: karent@gemmapower.com; charlescollins@gemmapower.com; paulwest@gemmapower.com; thomasmastronarde@gemmapower.com; glennlacey@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@gemmapower.com; ericwhitehouse@gemmapower.com; carlflodquist@gemmapower.com; Dillon, Jean; Davenport, John; Sullivan, Lawrence; Madden, Valentine; charlie.davis@mottmacinc.com; Pretorius, Eric; Laffey, Michael; Figuerado, Robert; Walsh, Jim (Westwood); Ghantous, Nizom; mmcdaniels@cpv.com; jmurphy@cpv.com; mturner@cpv.com; jmcclelland@cpv.com; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; maggie_fitzgerald@urscorp.com; Kathy_rushmore@urscorp.com; johnseidler@spectrumenergy.com; Amanda_Johnson@URSCorp.com; sharikiefer@spectrumenergy.com; Carey, William; Kibby, Scott; Kirby, Christopher; Ethanmccrea@gemmapower.com; robertnosal@hatchmott.com; Porter, David; melissaslusz@gemmapower.com; brettgish@gemmapower.com; Smith, Emily
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Subject: CPV Sentinel - ELEC-1-1.0-Electrical Legend-PC1 - Approved

Categories: Red Category

Hello,

The CPV Sentinel submittal "ELEC-1-1.0-Electrical Legend-PC1," has been reviewed and approved you will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Respectfully,

Jamie Saldana, CPT
CBO Project Coordinator/Document Control – Power & Utilities
Bureau Veritas North America, Inc.
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ISO 9001:2000 Certified

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CBO Submittal and Drawing List

Submittal and Drawing List

Rev. 4

June 28, 2011

CPV Sentinel Energy Project

Gemma Power Systems, LLC
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Glastonbury, CT 06033

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CIVIL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
CIVIL-1.4	CIVIL-1.4	Report	URS	Approval	Geotech Report	3/21/2011
GEO-1	GEO-1.0	Report	URS	Approval	Geotech Report	4/26/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Existing Site Plan, Sheet 1	5/12/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Existing Site Plan, Sheet 2	5/12/2011
CIVIL-1	CIVIL-1-2.1	Drawing	Mott MacDonald	Approval	Soil and Erosion Control Plan, Sheet 1	5/12/2011
CIVIL-1	CIVIL-1-2.1	Drawing	Mott MacDonald	Approval	Soil and Erosion Control Plan, Sheet 2	5/12/2011
CIVIL-1	CIVIL-1-2.1	Drawing	Mott MacDonald	Approval	Soil and Erosion, Phase I - Preliminary Construction	5/12/2011
CIVIL-1	CIVIL-1-2.1	Drawing	Mott MacDonald	Approval	Soil and Erosion, Phase Plan	5/12/2011
CIVIL-1	CIVIL-1-2.1	Drawing	Mott MacDonald	Approval	Soil and Erosion, Road Plan	5/12/2011
CIVIL-1	CIVIL-1-XX	Drawing	Mott MacDonald	Approval	Soil and Erosion Control, Typical Details	5/12/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Mass Earthwork Plan	5/12/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Grading Plan	5/12/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Fire Pump Foundaton Grading	5/12/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Grading and Drainage Plan, Sheet 1	5/12/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Grading and Drainage Plan, Sheet 2	5/12/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Grading and Drainage Plan, Sheet 3	5/12/2011
CIVIL-1	CIVIL-1-1.2	Drawing	Mott MacDonald	Approval	Grading Plan - Construction Parking and Laydown	5/12/2011
CIVIL-1	CIVIL-1-XX	Drawing	Mott MacDonald	Approval	Site Roads	10/1/2011
CIVIL-1	CIVIL-1-XX	Drawing	Mott MacDonald	Approval	Pavement Details	8/1/2011
CIVIL-1	CIVIL-1-XX	Drawing	Mott MacDonald	Approval	Fence Details	8/1/2011
TRANS-2	TRANS-2.1	Drawings	Mott MacDonald	Approval	Site Trailer and Parking Plan and Details	4/8/2011
TRANS-2	TRANS-2.1	Drawings	Mott MacDonald	Approval	Off Site Construction Parking and Laydown Plan	4/8/2011
CIVIL-1	CIVIL-1-XX	Drawings	Big Horn Consulting	Approval	Melissa Lane Drawings	4/12/2011
CIVIL-1	CIVIL-1-XX	Report	Mott MacDonald	Approval	SWPPP Plan	5/13/2011
CIVIL-1	CIVIL-1-XX	Specification	Mott MacDonald	Approval	Clearing and Grubbing	6/15/2011
CIVIL-1	CIVIL-1-XX	Specification	Mott MacDonald	Approval	Erosion / Sediment Control	6/15/2011
CIVIL-1	CIVIL-1-XX	Specification	Mott MacDonald	Approval	Excavation & Back Fill	5/2/2011
CIVIL-1	CIVIL-1-XX	Specification	Mott MacDonald	Approval	Storm Water Drainage	7/15/2011
CIVIL-1	CIVIL-1-XX	Specification	Mott MacDonald	Approval	Chain Link Fencing	7/15/2011
CIVIL-1	CIVIL-1-XX	Specification	Mott MacDonald	Approval	Asphalt Paving	7/15/2011
CIVIL-1	CIVIL-1-XX	Specification	Mott MacDonald	Approval	Septic System Performance Specification	9/1/2011
CIVIL-1	CIVIL-1-XX	Specification	Mott MacDonald	Approval	Field Painting	1/1/2011
CIVIL-1	CIVIL-1-3.0	Report	Mott MacDonald	Approval	Hydrology Report	5/5/2011
GEN-1	GEN-1-1.0	Drawings	Mott MacDonald	Approval	Power Duct Profile-Road	5/13/2011

STRUCTURAL DESIGN SUBMITTALS

CEC Cond	Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
STRUC-1	STRUC-1-1.0 PC1	Calculation	Mott MacDonald	Approval	Lateral Force Procedure	4/1/2011
STRUC-1	STRUC-1-1.0 PC2	Calculation	Mott MacDonald	Approval	Lateral Force Procedure	4/29/2011
STRUC-1	STRUC-1-2.0	Technical Specifications	Mott MacDonald	Approval	Cast-in-Place Concrete	4/29/2011
STRUC-1	STRUC-1-2.0	Drawing	Mott MacDonald	Approval	Concrete General Notes	4/29/2011
STRUC-1	STRUC-1-2.0 PC1	Drawing, Calculations	Mott MacDonald	Approval	Fire Pump Enclosure Foundation	4/1/2011
STRUC-1	STRUC-1-2.0 PC2	Drawing, Calculations	Mott MacDonald	Approval	Fire Pump Enclosure Foundation	4/29/2011
STRUC-1	STRUC-1-XX	Drawing	Mott MacDonald	Reference	Foundation Location Plan	6/15/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Combustion Turbine Generator/Air Inlet Fndns	8/15/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Vendor	Approval	GE CTG & Air Inlet Structures	8/15/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	CTG Auxiliaries and PCM Foundations	8/15/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	SCR/Exhaust Stack Foundation	8/15/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Vendor	Approval	SCR/Exhaust Stack Structure	9/15/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Cooling Tower Foundation	9/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Raw Water/Fire Water Tank Foundation	8/1/2011
STRUC-1	STRUC-1-XX	Vendor Drawings, Calculations	Vendor	Approval	Raw Water/Fire Water Tank Structure	10/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Demin Water Tank Foundations	8/1/2011
STRUC-1	STRUC-1-XX	Vendor Drawings, Calculations	Vendor	Approval	Demin Water Tank Structure	10/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Wastewater Tank Foundation	8/1/2011
STRUC-1		Vendor Drawings, Calculations	Vendor	Approval	Wastewater Tank Structure	10/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Vendor	Approval	Water Treatment Trailers [bracing/anchorage]	
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Gas Compressor Foundations	11/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Vendor	Approval	Gas Compressor	11/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	GSU Transformer Foundations	9/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Station Service Transformer Foundations	9/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Miscellaneous Pump Foundations,	11/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	ZLD System Foundation	11/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Miscellaneous Sump Foundations	11/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Admin/Warehouse Building Foundations	8/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Unit Control/Electric Room Foundations	7/15/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	CEMS Enclosure Foundations	12/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Switchyard Building Foundations	12/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Ammonia Unloading and Storage Tank Foundations	10/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Miscellaneous Equipment and Sump Foundations	11/1/2011
STRUC-1	STRUC-1-XX	Drawing, Calculations	Mott MacDonald	Approval	Septic Tank Foundation	3/1/2012
STRUC-1	STRUC-1-XX	Drawing, Calculations	Vendor	Approval	Septic Tank Structure	3/1/2012
STRUC-1	STRUC-1-XX	Technical Specifications	Mott MacDonald	Approval	Structural Steel	1/1/2012
STRUC-1	STRUC-1-XX	Drawing	Mott MacDonald	Approval	Steel General Notes	1/1/2012
STRUC-1	STRUC-1-XX	Drawing	Mott MacDonald	Approval	Stair Plan Sections and Details	1/1/2012
STRUC-1	STRUC-1-XX	Drawing	Mott MacDonald	Approval	Ladder Details	1/1/2012
STRUC-1	STRUC-1-XX	Drawing	Mott MacDonald	Approval	Misc Framing details	1/1/2012
STRUC-1	STRUC-1-XX	Technical Specifications	Mott MacDonald	Approval	Pre-Engineered Control/Warehouse Building	8/15/2011
STRUC-1	STRUC-1-XX	Technical Specifications	Mott MacDonald	Approval	Pre-Engineered Prefabricated 230 kV Substation Control Building	9/15/2011
STRUC-1	STRUC-1-XX	Drawing	Mott MacDonald	Approval	Architectural General Notes	8/15/2011
STRUC-1	STRUC-1-XX	Drawing	Mott MacDonald	Approval	Admin/Warehouse Plans, Sections and Details	8/15/2011
STRUC-1	STRUC-1-XX	Vendor Drawings, Calculations	Vendor	Approval	Admin/Warehouse Plans, Sections and Details	9/1/2011
STRUC-1	STRUC-1-XX	Drawing	Mott MacDonald	Approval	Switchgear Building, Plans, Sections and Details	11/1/2011
STRUC-1	STRUC-1-XX	Vendor Drawings, Calculations	Vendor	Approval	Switchgear Building, Plans, Sections and Details	12/1/2011
STRUC-1	STRUC-1-XX	Technical Specifications	Mott MacDonald	Approval	Structural Data for Mechanical and Electrical Equipment	7/15/2011
STRUC-1	STRUC-1-XX	Technical Specifications	Mott MacDonald	Approval	Septic System Performance Specification	9/15/2011
STRUC-1	STRUC-1-XX	Technical Specifications	Mott MacDonald	Approval	Field Painting	1/1/2012

MECHANICAL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Approval	General Arrangement Plan & Legend	07/10/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	General Arrangement - Overall CTG Unit Typical	07/10/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Equipment Location Plan	07/15/11
MECH-1	MECH-1-XX	Drawings	Mott MacDonald	Reference	Equipment Location Part Plan- Area CTG 01 -08	07/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Equipment Location Plan Ammonia Tank Area	08/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Fuel Gas Compressors 1	08/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Fuel Gas Compressors 2	08/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Admin/Warehouse	11/01/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Zero Discharge System	08/01/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Waste Water Storage Tank	08/01/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Demineralized Water Tanks	08/01/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Demineralizer Trailers	08/01/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Raw Water Storage	08/01/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Fuel Gas Metering Station	11/01/11
MECH-1	MECH-1-XX	Drawings	Mott MacDonald	Approval	Underground Piping Plans -	09/01/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Approval	Composite Piping Plans	02/01/12
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	CTG Exhaust System SCR	06/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Zero Discharge System	06/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Fire Pump (Packaged Unit) & Building	06/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Field Erected Tanks – , Raw Water, Demin Water,etc	06/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Fuel Gas Compressors	06/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	CTG Unit Cooling Tower	07/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Well Water Pumps	07/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Ammonia Storage Tank	07/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Gas Turbine Water Wash Drains Tank	08/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Piping Spec (includes all pipe classes)	08/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Piping Line List	08/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Buried Polyethylene Plastic Piping (Fire Protection)	08/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Secondary Containment Piping (PermaPipe)	08/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Fuel Gas Filter/Separator	10/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Air Comp. Skid, Receiver, & Dryer	08/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Cooling tower chem feed systems	11/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Reference	Equipment list	08/15/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Cast and Forged Steel Valves	10/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Small Bore Valves	10/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Large Butterfly and Wafer Check Valves	10/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Cast Iron & Ductile Valves (for underground)	10/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Insulation	11/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Wastewater Sump Pumps	10/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	CT Drains Tank Sump Pumps	10/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Demin Water Pumps	11/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Ammonia unloading and forwarding pumps	11/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Misc Centrifugal Pumps	11/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Service Water Pumps	11/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Oil / Water Separator	10/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Fuel Gas drains tank	10/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Miscellaneous Piping Specialties	11/01/11
MECH-1	MECH-1-XX	Technical Specification	Mott MacDonald	Approval	Pipe Hangers	02/01/12
MECH-1	MECH-1-XX	Drawings, Calculation, Specification	Mott MacDonald/Vendor	Approval	Fuel Gas System -Pressure Drop/Line Sizing Calculations; P&ID; Orthographics, Isometrics, Pipe Support Drawings, Pipe Support Calculations, Supporting Vendor Documents	11/01/11
MECH-1	MECH-1-XX	Drawings, Calculation, Specification	Vendor	Approval	Sanitary Drains- Pressure Drop/Line Sizing Calculations; P&ID; Orthographics, Isometrics, Pipe Support Drawings, Pipe Support Calculations, Supporting Vendor Documents.	01/01/12
MECH-1	MECH-1-XX	Drawings, Calculation, Specification	Mott MacDonald/Vendor	Approval	Wastewater -Pressure Drop/Line Sizing Calculations; P&ID; Orthographics, Isometrics, Pipe Support Drawings, Pipe Support Calculations, Supporting Vendor Documents.	01/01/12
MECH-1	MECH-1-XX	Drawings, Calculation, Specification	Mott MacDonald/Vendor	Approval	Fire Protection System -Pressure Drop/Line Sizing Calculations; P&ID; Orthographics, Zone Drawings, Isometrics, Pipe Support Drawings, Underground Composites, Supporting Vendor Docuements.	01/01/12

MECHANICAL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
MECH-1	MECH-1-XX	Drawings, Calculation, Specification	Mott MacDonald/Vendor	Approval	Other Systems to be reviewed per CBO direction.	TBD
MECH-1	MECH-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	CT Equipment	01/01/12
MECH-1	MECH-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	Fuel Gas Compressors	03/01/12
MECH-1	MECH-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	Compressed Air Receiver	03/01/12
MECH-1	MECH-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	Field Erected Tanks	01/01/12
MECH-1	MECH-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	Pre-Engineered Buildings	11/01/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Approval	P&ID LMS100 Sheets 1, 2, 3	09/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Approval	P&ID Compressed Air system	09/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Approval	P&ID Ammonia System	09/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Approval	P&ID Well & Raw Water System	09/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Approval	P&ID Service and Potable Water Systems	09/15/11
MECH-1	MECH-1-XX	Drawing	Mott MacDonald	Approval	Water Balance Diagram	09/15/11
MECH-2	MECH-2-XX	Certifications, Reports	Vendor	Approval	Aqueous Ammonia Tank	09/15/11
MECH-2	MECH-2-XX	Certifications, Reports	Vendor	Approval	Shop Fabricated tanks	09/15/11
MECH-2	MECH-2-XX	Certifications, Reports	Vendor	Approval	Compressed Air Receiver	09/15/11
MECH-3	MECH-3-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	Pre-Engineered Buildings - HVAC	01/01/12

ELECTRICAL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Reference	Electrical Symbols And Legend	6/15/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Overall Plant Power One Line Diagram	7/15/2011
ELEC-1	ELEC-1-XX	Drawings	Vendor - GE	Approval	One Line Generator Protection And Metering	11/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 4160 V Swgr	9/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 4160 V MCC	9/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V Load Center Unit 1 (sheet 1)	10/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V Load Center Unit 2-8	10/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V BOP swgr	10/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V MCC Unit 1 (sheet 1)	3/15/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V MCC Unit 2-8	3/15/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V Distribution Board schedules	3/15/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V MCC Bop	1/15/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V MCC water treatment	1/15/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Dc One Line Diagram	11/15/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Vital Ac One Line Diagram	12/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Refernce	Power Panel schedules	4/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Grounding Details	1/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Grounding Plans Sh 1-13	1/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Area Classification Plan Sh 1-4	2/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Reference	General Site Plan - Sh1-4	2/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Reference	Power Block Part Plan Sh1-8	2/15/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Generator Leads Open Aluminum Bus	10/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	CEMs Electrical Plan	11/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Non-Seg Bus Duct	10/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	General Site Lighting Plan & Details	4/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	General Site Lighting Plan Sh 1-5	4/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Lighting - Ctg Areas Task Lighting - Sh 1- 8	5/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Lighting Misc Areas - Sh 1-12	5/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Underground Raceway Plans Sh 1-12	9/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Power Block Underground Raceway Plan Sh1 -8	10/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Underground Raceway Details Sh 1-16	10/1/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Above Ground Power Block Raceway Plans	3/15/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Above Ground Raceway Plan Area 2	3/15/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Above Ground BOP Raceway Plan Areas	4/1/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Schematic / Wiring Diagrams 480V Mcc Starter Typ1, 2, 3 4	2/17/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Schematic / Wiring Diagrams 480V Swgr Breaker Typical	2/17/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Schematic / Wiring Diagrams 4160 Starter Typical	2/17/2012
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Schematic / Wiring Diagrams 4160 Breaker Typical	11/18/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Wiring Diagrams CTG1/ Interfaces Typical	11/18/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Wiring Diagrams CTG 1-8/ Interfaces Table	9/16/2011
ELEC-1	ELEC-1-XX	Drawings	Mott MacDonald	Approval	Connection Diagrams Sh 1-32	10/21/2011
ELEC-1	ELEC-1-XX	List	Mott MacDonald	Reference	Cable / Conduit Schedule	5/1/2012
ELEC-1	ELEC-1-XX	List	Mott MacDonald	Reference	Electrical Equipment List	6/15/2011
ELEC-1	ELEC-1-XX	List	Mott MacDonald	Reference	Motor & Load Schedule	6/15/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Main Generator Stepup Transformer Spec	7/15/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Station Service transformers 220kv-4.16 kv	7/15/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	4160 V Swgr Spec	10/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	4160 V Mcc Spec	10/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Auxiliary Transformers BOP & U AUX 4 KV-480 V	10/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	480 V Substation/SWGR BOP & U AUX	12/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	480V Mcc Spec	12/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Generator Leads Open Aluminum Bus	12/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	4 KV Non-Seg Bus	10/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Dc Battery & Charger Spec	12/15/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	120 Vac Ups Spec	12/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	4 Kv Motor Spec	6/15/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Low Voltage Motors (600 V And Below)	6/15/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Cathodic Protection (Performance Spec.)	10/1/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Small Distribution Transformers	2/1/2012
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Elec. Req. For Packaged Mec. Systems	7/15/2011
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Lightning Protection Systems (Performance Spec)	5/1/2012
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Manholes & Ductbank	2/1/2012
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Grounding & Bonding	2/1/2012
ELEC-1	ELEC-1-XX	Technical Specification	Mott MacDonald	Approval	Electrical Construction Methods	2/1/2012
ELEC-1	ELEC-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	Generator Step-up Transformer	8/15/2011

ELECTRICAL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
ELEC-1	ELEC-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	Station Service transformers 220kv-4.16 kv	8/15/2011
ELEC-1	ELEC-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	4160 V Switchgear	10/1/2011
ELEC-1	ELEC-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	480 V Motor Control Center	10/1/2011
ELEC-1	ELEC-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	Generator Leads Open Aluminum Bus	10/1/2011
ELEC-1	ELEC-1-XX	Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations	Vendor	Approval	4 KV Non-Seg Bus	10/1/2011
ELEC-1	ELEC-1-XX	Drawings, Calculation, Specification	Vendor	Approval	GE Electrical Equipment	10/1/2011
ELEC-1	ELEC-1-XX	Drawings, Calculation, Specification	Mott MacDonald/Vendor	Approval	Other Systems to be reviewed per CBO direction.	TBD
	220KV SWITCHYARD					
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	DC One Line Diagram	7/15/2011
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Switchyard Revenue Metering Diagram	12/1/2011
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Ac Station Service One Line Diagram	12/15/2011
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Switchyard Layout	1/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Switchyard Sections	1/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Switchyard Control Building Plans & Details	2/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Transmission Line Interface	2/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Switchyard Relaying and Metering Control Panels	4/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Revenue Metering Panel	3/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Switchyard Above Ground Raceway Plan	4/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	SWYD Underground Raceway Plan- Plant	4/11/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	SWYD Underground Raceway Plan- UTL	4/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	SWYD Underground Raceway Details-Plant	4/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	SWYD Underground Raceway Details-UTL	4/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Switchyard Relay & Metering Legend	9/1/2011
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Line Differential Relay Elementary Diagram	2/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Lock-Out & Breaker Failure Relay Elementary Diagram	1/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Utility Line Three-Line Metering & Relaying Diagram	2/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Unit Three-Line Metering & Relaying Diagram Typical	2/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Station Service Three-Line Metering & Relaying Diagram	1/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Unit #2-8 Three-Line Metering & Relaying Diagram	2/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	220 kV Generator Breaker Close Elementary Diagram	2/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	220 kV Generator Breaker Trip #1 Elementary Diagram	2/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	220 kV Generator Breaker Trip #2 Elementary Diagram	3/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	220 kV Breaker 9001 Close Elementary Diagram	4/1/2012

ELECTRICAL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	220 kV Breaker 9001 Trip Elementary Diagram	4/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	220 kV Generator 1 Breaker Wiring Diagram Typical	6/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	220 kV Station Service Breaker Wiring Diagram Typical For 1 & 2	6/1/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Relay & Control Panel Wiring Diagram	7/15/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Metering Panel Wiring Diagram	8/15/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Communication Panel Wiring Diagram	8/15/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Utility Aux Metering Cabinet Wiring Diagram	8/15/2012
TSE-4	TSE-4-XX	Drawings	Mott MacDonald/Vendor	Approval	Switchyard Communication Cable Wiring Diagrams	10/1/2012
TSE-4	TSE-4-XX	List	Mott MacDonald/Vendor	Approval	SCADA I/O List	10/15/2012
TSE-4	TSE-4-XX	List	Mott MacDonald/Vendor	Approval	Cable & Raceway Schedule -	11/1/2012
Switchyard Specifications						
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	High Voltage SF6 220 kV Circuit Breaker	9/1/2011
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	220 kV Substation Specification	12/1/2011
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	SCADA Design Specification And Programing	2/1/2012
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	Relay And Control Panels	2/1/2012
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	Revenue Metering Equipment- Switchyard	2/1/2012
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	DC System (Battery Sizing & Spec)	2/1/2012
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	20 kV Disconnect Switches	3/15/2012
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	CCVT Specification	2/1/2012
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	PT, CT Specification	10/1/2011
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	Revenue metering CT/PT combo unit	9/1/2011
TSE-4	TSE-4-XX	Technical Specification	Mott MacDonald	Approval	Surge Arrestors	9/1/2011
Electrical Calculations & Studies						
ELEC-1	ELEC-1-XX	Studies, Calculations	Mott MacDonald	Approval	Short Circuit Study (Plant)	8/15/2011
TSE-4	TSE-4-XX	Studies, Calculations	Vendor	Approval	Short Circuit Study (Switchyard)	10/15/2011
ELEC-1	ELEC-1-XX	Studies, Calculations	Mott MacDonald	Approval	Grounding Calculations (Plant)	8/15/2011
TSE-4	TSE-4-XX	Studies, Calculations	Vendor	Approval	Grounding Calculations (Switchyard)	10/15/2011
ELEC-1	ELEC-1-XX	Studies, Calculations	Mott MacDonald	Approval	Plant Relay Settings & Protection Coordination	8/1/2012
TSE-4	TSE-4-XX	Studies, Calculations	Mott MacDonald/Vendor	Approval	Switchyard Relay Settings & Protection Coordination	8/15/2012
ELEC-1	ELEC-1-XX	Studies, Calculations	Mott MacDonald/Vendor	Approval	Generator Protection Relay Settings (By GE) & Protection Coordination	8/1/2012
ELEC-1	ELEC-1-XX	Studies, Calculations	Mott MacDonald	Approval	Cable Ampacity & Derating Calculations	12/1/2011
ELEC-1	ELEC-1-XX	Studies, Calculations	Mott MacDonald	Approval	Arc Flash Study	9/1/2012
TSE-4	TSE-4-XX	Studies, Calculations	Vendor	Approval	Lightning Study	2/1/2011
ELEC-1	ELEC-1-XX	Studies, Calculations	Mott MacDonald	Approval	Lighting Calculations (Plant)	2/1/2012
TSE-4	TSE-4-XX	Studies, Calculations	Vendor	Approval	Lighting Calculations (Switchyard)	3/1/2012

Civil/Structural/Architectural Drawings

Drawing Number	Description	Number of Drawings
Y-001	Title Sheet	1
Y-100	Existing Site Plan, Sheet 1	1
Y-101	Existing Site Plan, Sheet 2	1
Y-110	Site Plan	1
Y-120	Soil and Erosion Control Plan, Sheet 1	1
Y-121	Soil and Erosion Control Plan, Sheet 2	1
Y-122	Soil and Erosion, Phase I - Plan - Preliminary Construction	1
Y-123	Soil and Erosion, Phase 2 - Plan	1
Y-124	Soil and Erosion, Road Plan	1
Y-125	Soil and Erosion Control, Typical Details - Sheet 1	1
Y-126	Soil and Erosion Control, Typical Details - Sheet 2	1
Y-127	Soil and Erosion Control, Typical Details - Sheet 3	1
Y-130	Mass Earthwork Plan	1
Y-131	Mass Earthwork Sections	1
Y-140	Grading Plan - Key Plan	1
Y-141	Fire Pump Foundaton Grading	1
Y-142	Grading Plan - South	1
Y-143	Grading Plan - Center	1
Y-144	Grading Plan - North	1
Y-145	Grading Plan - Parcel 3 (South East)	1
Y-150	Grading Plan - Construction Parking and Laydown	1
Y-160	Site Roads	1
Y-165	Pavement Details	1
Y-170	Fence Details	1
Y-200	Site Trailer and Parking Plan	1
Y-201	Off Site Construction Parking and Laydown Plan	1
Y-202	Site trailer Deck, Landing, and Ramp Details	1
Y-203	Power Duct Profile	1
Y-204	Plan-Construction Services Roadway	1
C-001	Concrete General Notes	1
C-010	Fire Pumphouse Foundation Plan & Details	1
C-100	Foundation Location Plan	2
C-200	Combustion Turbine Generator Fnd. Plan Sections and Details	5
C-300	SCR Foundation Sections and Details	3
C-400	Cooling Tower Fdns, Sections and Details	3
C-500	Tank Foundations drawings	4
C-550	Gas Compressor Foundations	2
C-600	GSU Transformer Foundations	2
C-610	Station Service Transformer Foundations	2

Civil/Structural/Architectural Drawings

Drawing Number	Description	Number of Drawings
C-700	Miscellaneous Foundations, ZLD System and Pumps	3
C-710	Miscellaneous Sump Foundations	2
C-800	Admin/Warehouse Building Foundations	2
C-810	Unit Control/Electric Room Foundations	2
C-820	CEMS Enclosure Foundations	1
C-830	Switchyard Building Foundations	2
C-900	Ammonia Unloading and Storage Tank Foundations	4
S-001	Steel General Notes	1
S-100	Stair Plan Sections and Details	3
S-200	Ladder Details	2
S-300	Misc Framing details	3
A-001	Architectural General Notes	1
A-100	Operations/Warehouse Building Plan	1
A-101	Operations/Warehouse Building Elevations	1
A-102	Operations/Warehouse Building Details	1
A-103	Operations/Warehouse Building Ceiling	1
A-200	Switchgear Building, Plans, Sections and Details	4

Mechanical Drawings

Drawing Number	Description	Number of Drawings
G-101	General Arrangement Plan & Legend	1
G-125	General Arrangement – Overall CTG Unit Typical	1
G-152	Eq. Loc. Part Plan - Area CTG 01	1
G-153	Eq. Loc. Part Plan - Area CTG 02	1
G-154	Eq. Loc. Part Plan - Area CTG 03	1
G-155	Eq. Loc. Part Plan - Area CTG 04	1
G-156	Eq. Loc. Part Plan - Area CTG 05	1
G-157	Eq. Loc. Part Plan - Area CTG 06	1
G-158	Eq. Loc. Part Plan - Area CTG 07	1
G-159	Eq. Loc. Part Plan - Area CTG 08	1
G-160	Eq. Loc. Part Plan - Area Ammonia Tank	1
G-161	Eq. Loc. Part Plan - Area Fuel Gas Compressors 1	1
G-162	Eq. Loc. Part Plan - Area Fuel Gas Compressors 2	1
G-163	Eq. Loc. Part Plan - Area Admin/Warehouse	1
G-164	Eq. Loc. Part Plan - Area Zero Discharge System	1
G-165	Eq. Loc. Part Plan - Area Waste Water Storage Tank	1
G-166	Eq. Loc. Part Plan - Area Demineralized Water Tanks	1
G-167	Eq. Loc. Part Plan - Area Demineralizer Trailers	1
G-168	Eq. Loc. Part Plan - Area Raw Water Storage	1
G-169	Eq. Loc. Part Plan - Area Fuel Gas Metering Station	1
P-201	Underground Piping Plan - Area CTG 01	1
P-202	Underground Piping Plan - Area CTG 02	1
P-203	Underground Piping Plan - Area CTG 03	1
P-204	Underground Piping Plan - Area CTG 04	1
P-205	Underground Piping Plan - Area CTG 05	1
P-206	Underground Piping Plan - Area CTG 06	1
P-207	Underground Piping Plan - Area CTG 07	1
P-208	Underground Piping Plan - Area CTG 08	1
P-209	Underground Piping Plan - Area Ammonia Tank	1
P-210	Underground Piping Plan - Area Fuel Gas Compressors 1	1
P-211	Underground Piping Plan - Area Fuel Gas Compressors 2	1
P-212	Underground Piping Plan - Area Admin/Warehous	1
P-213	Underground Piping Plan - Area Zero Discharge System	1
P-214	Underground Piping Plan - Area Waste Water Storage Tank	1
P-215	Underground Piping Plan - Area Demineralized Water Tanks	1
P-216	Underground Piping Plan - Area Demineralizer Trailers	1
P-217	Underground Piping Plan - Area Raw Water Storage	1
P-218	Underground Piping Plan - Area Fuel Gas Metering Station	1
	First Review of 3D Model	1
P-101	Composite Piping Plan - Area CTG 01	1
P-102	Composite Piping Plan - Area CTG 02	1
P-103	Composite Piping Plan - Area CTG 03	1
P-104	Composite Piping Plan - Area CTG 04	1
P-105	Composite Piping Plan - Area CTG 05	1
P-106	Composite Piping Plan - Area CTG 06	1

Mechanical Drawings

Drawing Number	Description	Number of Drawings
P-107	Composite Piping Plan - Area CTG 07	1
P-108	Composite Piping Plan - Area CTG 08	1
P-109	Composite Piping Plan - Area Ammonia Tank	1
P-110	Composite Piping Plan - Area Fuel Gas Compressors 1	1
P-111	Composite Piping Plan - Area Fuel Gas Compressors 2	1
P-112	Composite Piping Plan - Area Admin/Warehous	1
P-113	Composite Piping Plan - Area Zero Discharge System	1
P-114	Composite Piping Plan - Area Waste Water Storage Tank	1
P-115	Composite Piping Plan - Area Demineralized Water Tanks	1
P-116	Composite Piping Plan - Area Demineralizer Trailers	1
P-117	Composite Piping Plan - Area Raw Water Storage	1
P-118	Composite Piping Plan - Area Fuel Gas Metering Station	1
P-401	Isometeric Piping Plan - Area CTG 01	1
P-402	Isometeric Piping Plan - Area CTG 02	1
P-403	Isometeric Piping Plan - Area CTG 03	1
P-404	Isometeric Piping Plan - Area CTG 04	1
P-405	Isometeric Piping Plan - Area CTG 05	1
P-406	Isometeric Piping Plan - Area CTG 06	1
P-407	Isometeric Piping Plan - Area CTG 07	1
P-408	Isometeric Piping Plan - Area CTG 08	1
P-409	Isometeric Piping Plan - Area Ammonia Tank	1
P-410	Isometeric Piping Plan - Area Fuel Gas Compressors 1	1
P-411	Isometeric Piping Plan - Area Fuel Gas Compressors 2	1
P-412	Isometeric Piping Plan - Area Admin/Warehous	1
P-413	Isometeric Piping Plan - Area Zero Discharge System	1
P-414	Isometeric Piping Plan - Area Waste Water Storage Tank	1
P-415	Isometeric Piping Plan - Area Demineralized Water Tanks	1
P-416	Isometeric Piping Plan - Area Demineralizer Trailers	1
P-417	Isometeric Piping Plan - Area Raw Water Storage	1
P-418	Isometeric Piping Plan - Area Fuel Gas Metering Station	1

I&C Drawings

Drawing Number	Description	Number of Drawings
D-001	P&ID Lead Sheet 1a	1
D-002	P&ID Lead Sheet 1b	1
D-006	P&ID Fuel Gas System Sheet 1 (Metering)	1
D-007	P&ID Fuel Gas System Sheet 2 (FGC 1)	1
D-008	P&ID Fuel Gas System Sheet 3 (FGC 2)	1
D-009	P&ID Fuel Gas System Sheet 4 (FGC 3)	1
D-010	P&ID Fuel Gas System Sheet 5 (FGC 4)	1
D-011	P&ID Fuel Gas System Sheet 6 (FGC 5)	1
D-012	P&ID Fuel Gas System Sheet 7 (FGC 6)	1
D-013	P&ID Fuel Gas System Sheet 8 (FG Filters)	1
D-015	P&ID LMS100 Sheet 1	1
D-016	P&ID LMS100 Sheet 2	1
D-017	P&ID LMS100 Sheet 3	1
D-020	P&ID Compressed Air system	1
D-021	P&ID Ammonia System	1
D-022	P&ID Well & Raw Water System	1
D-023	P&ID Demin Water System	1
D-024	P&ID Waste Water Collection	1
D-025	P&ID Fire Protection	1
D-026	P&ID Potable Water	1
D-029	P&ID Zero Discharge System	1
D-050	Water Balance Diagram	1
D-18XXX	Instrument Installation Details (As Required)	25
-SP-18001	Instrument Index	1
-SP-18050	I/O List	1
-D-18200	Control System Architecture (Network Diagram)	1
-D-18201	Switchyard SCADA Network Diagram	1

Electrical Drawings

Drawing Number	Description	Number of Drawings
E-100	Electrical Symbols And Legend	1
E-101	Overall Plant Power One Line Diagram	1
E-104	One Line Diagram 4160 V Swgr	1
E-106	One Line Diagram 480 V Load Center Unit 1 (sheet 1)	1
E-106	One Line Diagram 480 V Load Center Unit 2-8	7
E-107	One Line Diagram 480 V BOP swgr	1
E-108	One Line Diagram 480 V MCC Unit 1 (sheet 1)	1
E-108	One Line Diagram 480 V MCC Unit 2-8	7
E-108	One Line Diagram 480 V Distribution Board scheduels	10
E-109	One Line Diagram 480 V MCC Bop	1
E-111	DC One Line Diagram	1
E-112	Vital AC One Line Diagram	1
E-113	Power Panel Schedules	10
E-200	Grounding Details	1
E-201	Overall Grounding Plan	1
E-204	CTG Area Grounding Plans Sheets 1 through 8	8
E-205	Grounding Plans BOP Areas Sheets 1 through 6	6
E-300	Area Classification Plan Sh 1-4	4
E-301	General Site Plan - Sh1-4	4
E-302	Power Block Part Plan Sh1-8	8
E-303	Cems Electrical Plan	1
E-310	Generator Leads Open Aluminum Bus	1
E-311	Non-Seg Bus Duct	1
E-360	General Site Lighting Plan & Details	1
E-361	General Site Lighting Plan Sh 1-5	5
E-362	Lighting - Ctg Areas Task Lighting - Sh 1- 8	8
E-363	Lighting Misc Areas - Sh 1-12	12
E-401	Underground Raceway Plans Sh 1-12	12
E-402	Power Block Underground Raceway Plan Sh1 -8	8
E-410	Underground Raceway Details Sh 1-16	16
E-501	Above GroundPower Block Raceway Plans	8
E-502	Above Ground Raceway Plan Area 2	8
E-503	Above Ground BOP Raceway Plan Areas	5
E-701	Schematic / Wiring Diagrams 480V Mcc Starter Typ1, 2, 3 4	4
E-710	Schematic / Wiring Diagrams 480V Swgr Breaker Typical	1
E-711	Schematic / Wiring Diagrams 4160 Starter Typical	1
E-712	Schematic / Wiring Diagrams 4160 Breaker Typical	1
E-720	Wiring Diagrams CTG1/ Interfaces Tpical	6
E-721	Wiring Diagrams CTG 1-8/ Interfaces Table	7
E-730	Connection Diagrams Sh 1-32	32
E-901	Cable / Conduit Schedule	1
E-920	Electrical Equipment List	1
E-950	Motor & Load Schedule	1
	230KV SWITCHYARD	
E-170	Switchyard Rel& Mtr One Line Diagram	1

Electrical Drawings

Drawing Number	Description	Number of Drawings
E-171	Dc One Line Diagram	1
E-172	Switchyard Revenue Metering Diagram	1
E-173	Ac Station Service One Line Diagram	1
E-370	Switchyard Layout	1
E-371	Switchyard Sections	4
E-373	Switchyard Control Building Plans & Details	5
E-374	Transmission Line Interface	1
E-381	Switchyard Relaying and Metering Control Panels	6
E-382	Revenue Metering Panel	2
E-431	Switchyard Above Ground Raceway Plan	1
E-470	SWYD Underground Raceway Plan- Plant	1
E-471	SWYD Underground Raceway Plan- UTL	1
E-473	SWYD Underground Raceway Details-Plant	1
E-474	SWYD Underground Raceway Details-UTL	1
E-670	Switchyard Relay & Metering Legend	1
E-671	Line Differential Relay Elementary Diagram	1
E-672	Lock-Out & Breaker Failure Relay Elementary Diagram	1
E-673	Utility Line Three-Line Metering & Relaying Diagram	1
E-674	Unit Three-Line Metering & Relaying Diagram Typical	1
E-675	Station Service Three-Line Metering & Relaying Diagram	1
E-676	Unit #2-8 Three-Line Metering & Relaying Diagram	1
E-677	230Kv Generator Breaker Close Elementary Diagram	1
E-678	230Kv Generator Breaker Trip #1 Elementary Diagram	1
E-679	230Kv Generator Breaker Trip #2 Elementary Diagram	1
E-680	230Kv Breaker 9001 Close Elementary Diagram	1
E-681	230Kv Breaker 9001 Trip Elementary Diagram	1
E-682	230 Kv Generator 1 Breaker Wiring Diagram Typical	1
E-683	230 Kv Station Service Breaker Wiring Diagram Typical For 1 & 2	1
E-684	Relay & Control Panel Wiring Diagram	2
E-685	Metering Panel Wiring Diagram	1
E-686	Communication Panel Wiring Diagram	1
E-687	Utility Aux Metering Cabinet Wiring Diagram	1
E-688	Switchyard Communication Cable Wiring Diagrams	2

CBO Payment Receipt

Mark McDaniels <mmcdaniels@cpv.com>

06/15/2011 10:37 AM

To "Maggie_Fitzgerald@URSCorp.com" <Maggie_Fitzgerald@URSCorp.com>, "Amanda_Johnson@URSCorp.com"
cc
bcc
Subject FW: Bureau Veritas Payment Receipt - CPV Sentinel

History: This message has been replied to.

From: sabrina.dickinson@us.bureauveritas.com [mailto:sabrina.dickinson@us.bureauveritas.com]
Sent: Wednesday, June 15, 2011 8:48 AM
To: Mark McDaniels
Cc: mark.tobin@us.bureauveritas.com; Michael Lewis
Subject: Bureau Veritas Payment Receipt - CPV Sentinel

Good Morning,

This is to confirm that Bureau Veritas has received payment for the following invoices:

1115977
Dated 05/13/11
In the amount of $63,487.45

1116348
Dated 05/19/11
In the amount of $14,393.75

Thank you!

Sabrina Dickinson
Office Manager – Power & Utilities
Bureau Veritas North America, Inc.
180 Promenade Circle Suite 150
Sacramento, CA 95834
P: 916.617.2028
F: 916.617.2068
D: 916.514.4513
C: 916-627-9832
sabrina.dickinson@us.bureauveritas.com
www.us.bureauveritas.com/energyusa
ISO 9001:2008 Certified

APPENDIX C
WEAP Acknowledgement Forms

WORKER ENVIRONMENTAL AWARENESS PROGRAM

TRAINING ACKNOWLEDGEMENT

CPV Sentinel Energy Project

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I, the undersigned individual, have read and understand the measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/2/11	Trent Cohen	Mott MacDonald	Trent Cohen	
6/2/11	Tim Smith	SUKUT	Tim Smith	
6/2/11	Roberto Holguin	SUKUT	Roberto Holguin	
6-2-11	Jeremy Specht	Mckeever water well	Jeremy Specht	
6-2-11	Blas Cruz	McKeever Water Works	Blas Cruz	
6-2-11	Jim Cole	JDCOLE	Jim Cole	
6-2-11	Javier Sanchez	SUKUT	Javier Sanchez	
6-2-11	Abraham Gonzalez	SUKUT	Abraham Gonzalez	
6/3/11	Carol Thompson	URS	Carol Thompson	Paul
6-8-11	PHILLIP BRASSY	SuKut	Phillip Brassy	

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/3/11	Alejandro Gaval	marina landscape		
6/3/11	TRAVIS VERMEULEN	MARINA CA		
6/3/11	Matt Guerrero	marina		
6/3/11	David Garcia	Marina		
6/6/11	Josue Rivera	Gemma		
6/8/11	Mark Jackson	Sukut Gemma		

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/7/11	RICARDO GARZA	SUKUT		
6/7/11	Ricardo Cruz.	Sukut.	Ricardo C. Muñoz	
6-7-11	Antonio Basurto	Sukut	Antonio Basurto	
6/7/11	RUBEN ROCHA	SUKUT		
6/7/11	Pedro P. Garcia	SUKUT	Pedro P. Garcia	
6/7/11	Atanacio Rocha	SUKUT		
6/7/11	Salvador Morales	Sukut	Salvador Morales	
6/7/11	ALTON CLARK	SUKUT		

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/7/11	Steve Prichard	SUKUT	Steve Prichard	
6-7-11	Sostenes Esparza	D.C. Hubbs	Sostenes Esparza	
6-7-11	Jesus C. Esparza	D.C. Hubbs	Jesus C Esparza	
6-7-11	DENNIS BRIDGE	D.C HUBBS		
6-7-11	BRYAN HUNT	D.C HUBBS		
6-7-11	Rudy Zamarripa	D.C Hubbs		
6-7-11	TIRZO Tizinado	D.C Hubbs		
6-7-11	Ocdeo Sandoval	D-C Hubbs		
6-7-11	JOHN V. FLOT	LOCAL 12 #		
6-7-11	Ronny Underwood	LOCAL 12#	Ronny Underwood	
6-7-11	JEFF FELLOWS	Local 12		
6-7-11	Robert Stanley	Teamsters #166	Robert Stanley	
6-7-11	Bob Wiley	Teamsters #166		

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/9/11	Dennis McDougall	Applied EarthWorks		
6-9-11	MICHAEL STEELE	SUBCONT		
6-9-11	Dario Villalobos	LNA		
6-9-11	Juvenal Luna	LNA		
6-9-11	ANTONIO MORALES	LNA		
	TOM TUENNISEN	BURNS MCDONNELL		
6-9-11	DANIEL BORGEN	AMBER Steel		
6-9-11	Abraham Jurado	Amber Steel		
6-9-11	Ruben Murphy	Amber Steel		
6-9-11	Joe Stef	PR Consulting		
6/9/11	Mark Wesner	PCI		
6/9/11	MILES WOODARD	ATI		
6/13/11		Pride Asset Protection		
6/13/11	STEVE GRUELLE	PRIDE ASSET PROTECTION		
6/13/11	Michael Miracle	Tribal Monitor		
6/13/11	PAT MOLONEY	Applied Earthworks		
6/13/11	Jonathan Riehn	URS		

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/15/11	AILEEN REDMAN	HMM		JC
6/15/11	John J. Eddy	Applied Earthworks		JC
6/15/11	Reynaldo Villa	LNA		JC
6 15 11	John Light	Local #184		JC
6-15-11	Alex Martinez	United Rentals		JC
6/15/11	Annette Cornelius	URS Paleontology		JC
6-16-11	Greg Lopez	Miller Blades		JC
6-16-11	CURTIS MILLER	SUKUT		JC
6-16-11	Alec Thompson	CHJ INC		JC
6-16-11	Joseph Simmons	Sukut		JC
6-16-11	Hector Uriarte	247 Waterwell/San		JC
6-16-11	JUAN V NEAVE	247 Water well		JC
6-16-11	DAVE HILL	247 waterwell		JC
6-16-11	Henry Boiano	247 waterwell		JC

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/17/11	PAUL CONTRERAS	DOKA USA		JR
6/17/11	EDIN. GARCIA	MARINA	Edin Garcia	JR
6/17/11	ALFREDO PEREZ	MARINA		JR
6/17/11	LEE WILLIS	Miller Blanke		JR
6/17/11	KEN HASHAGEN	URS	Ken Hashagen	JR (VEST)
6/17/11	Rafael Cuevas III	PRIDE SECURITY	Rafael Cuevas III	JR
6/17/11	Dave Monreal	PRIDE SECURITY	Dave Monreal	JR
6/17/11	RAUL JIMENEZ	L N A	RAUL JIMENEZ	JR

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/20/11	Michael Sherlock	PRIDE		JR
6/20/11	Jorge Lopez	SUKUT	Jorge Lopez	JR
6 20 11	Jaime Mendoza	SUKUT		JR
6/20/11	Jose Aguilera	Pride		JR

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6-21-11	Mike Randall	SulFut	Mike Randall	JR
6-21-11	FABIAN Morales	L N A	Fabian Morales	JR
6 21 11	MARK STARZOK	MAXIM	Mark Starzok	JR
6-21-11	TOM JENKINS JR.	MAXIM	Tom Jenkins Jr.	JR
6-21-11	MICHAEL G. HORTON	MAXIM	Michael G. Horton	JR
6-21-11	John Trapp	MAXIM	John Trapp	JR

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6-22	Freddy Arias	Driver		JR
6-22	DE SANTIAGO RAFAEL	Driver		JR
6-22	PABLO VALLES	MECANIC		JR
6-22	Policarpio Montañez	Driver		JR
6-22	Jeff Torgrimson	Pump-Technician		JR
6-22	MICHAEL LEE	SAFETY MGR		JR
6-22	[illegible]	Field Serv Tech		JR
6/22	VICTOR ACEVEDO	MECHANIC		JR

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
06.30.11	BARRON NJITJIAN	UNITED RENTALS BRANCH MANAGER		JOSH RIVERA
06/30/11	DANIEL FLIS	UNITED RENTALS TRENCH SAFETY		JR
6/30/11	Christy David Gregg	United Rentals District Manager		JR

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/29/11	MATT EKLUND	SUKUT CONST		

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/27/11	GORDON WOODARD	So. CAL SOIL & TESTING		
6/27/11	CHAD REITAN	MVE INC.		
6/27/11	Vivian Ogawa	MVE INC		
6.27.11	GARRETT FOWLER	SO. CAL SOILS TESTING		

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Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
6/28	Trinidad Pulido	LNA		
6/28	Jose Thomo cruz	LNA		
6/28	Brian Oakes	vendor/Supplier		

APPENDIX D
Worker Safety

PROJECT SAFETY EVALUATION - Jobsite Inspection

Project Name:	CPV-Sentinel	Project #:	1101253	Site Manager:	Charles Collins
Client:	CPV	Date:	06/23/11	Project Superintendent:	Paul West
# Workers:	32	Evaluator:	M. Bennett	Safety Manager:	M. Lee

Current Safety Statistics

Incident Rate:	0	Lost Time Rate:	0	Lost Work Day Incident Rate:	0

Total Points Received	171
Total Points Possible	185
Points Received divided by Points Possible = % Compliance	92%

Subtract points if item not required to be implemented.

Rating	Percent	Action
Excellent	>95%	No action needed, strive for 100%. Safety plan is fully implemented.
Good	90-95%	Develop and publish action plans for improvement
Fair	80-90%	Arrange for on-site assistance
Marginal	<80%	

Safety Manager Signature

Site Manager Signature

AREA OF EVALUATION	Points Possible	Points Earned	ACTION REQUIRED
1. Safety Program Administration			
a. Incident Rate at 0 (3 points), improving (1 point), increasing (0 points)	3	3	
b. Lost Time Rate at 0 (3 points), improving (1 point), increasing (0 points)	3	3	
c. LWDI at 0 (3 points), improving (1 point), increasing (0 points)	3	3	
d. Workers' Comp $/mh .03 or less (3 points) .03-.10 (1 point)	3	3	
e. Are OSHA and other required notices posted	2	2	
f. Are required safety meetings held	4	4	
g. Are medical service, first aid equipment, and emergency plans in place	2	2	
h. Is the relationship with a doctor, clinic, and hospital established and effective	2	1	Ongoing
i. Are safety records kept up-to-date and available	3	3	
j. Are emergency numbers and access/egress posted	2	1	Work in progress as trailers are brought on site
Total Points	27	25	
2. Housekeeping and Sanitation			
a. General neatness of work areas	2	2	
b. Regular disposal of waste and trash	2	2	
c. Passageways and walkways clear and unobstructed	2	2	
d. There is adequate lighting	2	2	
e. Projecting nails are removed	2	2	
f. Oil and grease is removed	0	n/a	
g. Waste containers are provided and used	2	2	
h. Sanitary facilities are adequate and clean	2	2	
I. An adequate supply of water or water jugs is available	3	2	Improving
j. Disposable drinking cups and waste containers are available	2	1	Corrected
Total Points	19	17	

PROJECT SAFETY EVALUATION - Jobsite Inspection

AREA OF EVALUATION	Points Possible	Points Earned	ACTION REQUIRED
3. Fire Prevention			
a. Fire instructions are given to personnel	2	2	
b. Fire extinguishers are identified and checked monthly	3	3	
c. Phone number of the fire department is posted	2	1	Ongoing
d. Hydrants are clear and access to public thoroughfare is open	0	n/a	
e. "No Smoking" signs are posted and enforced where needed	2	1	Signs to be posted
f. Fire extinguishers are properly mounted or placed	2	1	Ongoing
Total Points	11	8	
4. Hand Tools			
a. Proper tools are being used for each job	2	2	
b. Tools are stored neatly and carried safety	2	2	
c. Tools are inspected and maintained	2	2	
d. Damaged tools are repaired or replaced promptly. Employee tools are inspected and repaired.	2	2	
Total Points	8	8	
5. Electrical			n/a
a. Adequate wiring, well insulated			
b. Proper fuse and breaker protection is provided			
c. Monthly ground assurance programs are in effect			
d. Electrical dangers are posted			
e. Proper fire extinguishers are provided			
f. Breaker boxes and switches are properly labeled			
g. Lockout/Tagout procedures are fully implemented			
Total Points	0	0	
6. Power Tools			
a. Good housekeeping is maintained where tools are used	2	2	
b. Tools and cords are in good condition	2	2	
c. Proper grounding	2	2	
d. Proper instruction is in use	2	2	
e. All mechanical safeguards are in use	2	2	
f. Tools are stored neatly when not in use	2	2	
g. Correct tool is being used for the job at hand	2	2	
h. Wiring is properly installed	2	2	
i. Pressure locks are removed	2	2	
Total Points	18	18	

PROJECT SAFETY EVALUATION - Jobsite Inspection

AREA OF EVALUATION	Points Possible	Points Earned	ACTION REQUIRED
7. Powder-Actuated Tools			n/a
a. All laws and ordinances are complied with			
b. All operators are qualified, carded and trained			
c. Tools and charges secured and separated			
d. Competent instruction and supervision is given			
e. Tools are checked and in good working order			
f. Tools are not used on anything other than recommended materials			
g. Safety goggles or face shields are worn			
h. Flying hazards checked by backing up, removal of personnel, or use of captive stud tool			
Total Points	0	0	
8. Ladders			
a. Ladders are inspected and in good condition	2	2	
b. Ladders are properly secured to prevent slipping, sliding, or falling	2	2	
c. Do ladder side rails extend 36" above top of landing?	2	2	
d. Rungs or cleats over 12" on center	2	2	
e. Step-ladders are fully open when in use	2	1	Corrected
f. Metal ladders are not used around electrical hazards	2	2	
g. Proper maintenance and storage of ladders	2	2	
Total Points	14	13	
9. Steel Erection			n/a
a. Safety nets or planked floors are used			
b. Temporary periphery cable is at each floor level			
c. Taglines are used for tools			
d. Floor opening is covered and barricaded			
e. Ladders, stairs, or other access is provided			
f. Hoisting apparatus is checked			
Total Points	0	0	
10. Motor Vehicles			
a. Vehicles regularly inspected	2	2	
b. Drivers are qualified	2	2	
c. Local and state vehicle laws and regulations are observed	2	2	
d. Brakes, lights, and warning devices are operational	2	2	
e. Weight limits and load sizes controlled. Ice, grease?	2	2	
g. All glass in good condition	2	2	
h. Back up alarms provided when needed	2	2	
i. Fire extinguishers installed	2	2	
j. Seat belts used	2	2	
Total Points	18	18	

PROJECT SAFETY EVALUATION - Jobsite Inspection

AREA OF EVALUATION	Points Possible	Points Earned	ACTION REQUIRED
11. Scaffolding			n/a
a. Erection is properly supervised by a competent person			
b. All structural members meet the safety factor			
c. All connections are secure			
d. Working areas are free of debris, snow, ice, and grease			
e. Planking cleats in place			
f. Workers are protected from falling objects			
g. The scaffold is plumb and square, with cross bracing			
h. Guard rails, intermediate rails and toe boards are in place			
i. Scaffold equipment is in good working order			
j. Ropes and cables are in good condition			
Total Points	0	0	
12. Hoists, Cranes, and Derricks			n/a
a. A competent person is designated			
b. Cables and sheaves inspected monthly			
b. Slings and chains, hook and eyes checked			
c. Equipment is firmly supported			
d. Outriggers used as required			
e. Power lines inactivated, removed, or at a safe distance			
f. Proper loading for capacity at lifting radius			
g. All equipment is properly lubricated and maintained			
h. There are signalmen where needed			
i. Signals are understood and observed			
j. Inspection and maintenance logs maintained			
k. Load charts are posted in the cab			
l. Fire extinguisher is installed			
Total Points	0	0	
13. Heavy Equipment			
a. Regular inspection and maintenance logs completed	2	2	
b. Lubrication and repair of moving parts done	2	2	
c. Lights, brakes, and warning signals are operative	2	2	
d. Wheels chocked when necessary	2	2	
e. Haul road well maintained and laid out properly	2	2	
f. Back-up alarms installed and audible	2	2	
g. High-visibility safety vests required	2	2	
h. Equipment is protected from theft when not in use	2	2	
i. Shut-off devices are on hose lines in case of hose failure	2	2	
j. Noise arresters are in use	2	2	
k. Fire extinguisher is installed	2	2	
Total Points	22	22	

PROJECT SAFETY EVALUATION - Jobsite Inspection

AREA OF EVALUATION	Points Possible	Points Earned	ACTION REQUIRED
14. Barricades			n/a
a. Floor openings planked over or barricaded			
b. Red and Yellow barricade tape used			
c. Roadways and sidewalks are effectively protected			
d. Adequate lighting is provided			
e. All barricades labeled			
f. Traffic controlled			
Total Points	0	0	
15. Personal Protective Equipment			
a. Eye protection	2	1	Improving
b. Face shields	2	1	Improving
c. Respirators and masks	0	n/a	
d. Helmets and hoods	2	2	
e. Head protection	2	2	
f. Gloves, aprons, and sleeves; rubber or plastic, designed to afford protection from alkalis and acids; electricians' rubber gloves with protectors	2	1	Improving
g. Respirators for harmful dust, asbestos, sand blasting, welding (lead paint and galvanized zinc or cadmium). Adequate ventilation when painting or applying epoxy resins. When there is question about injurious exposure, notify superior immediately who in turn shall arrange for atmospheric samples to be taken.	0	n/a	
h. Proper fall protection (safety harness, retractables, etc)	2	n/a	
Total Points	12	7	
16. Handling and Storage of Materials			n/a
a. Materials are properly stored or stacked			
b. Passageways are clear			
c. Stacks on firm footings and not too high			
d. Laydown areas neat and organized			
e. Workers are lifting loads correctly			
f. Materials protected from weather conditions			
g. Protection against falling into hoppers and bins provided			
h. Dust protection is observed			
i. Extinguishers and other fire protection available			
j. Traffic in storage area controlled			
Total Points	0	0	
17. Masonry			n/a
a. Proper scaffolding used			
b. Masonry saws properly equipped and dust protection provided			
c. Safe hoisting equipment used			
Total Points	0	0	

PROJECT SAFETY EVALUATION - Jobsite Inspection

AREA OF EVALUATION	Points Possible	Points Earned	ACTION REQUIRED
18. Welding and Cutting			n/a
a. Screens and shields used			
b. Goggles, gloves, and proper clothing worn			
c. Equipment is in good operating condition			
d. Electrical equipment is grounded			
e. Power cables are protected and in good repair			
f. Fire extinguishers of proper type nearby			
g. Inspection for fire hazards done			
h. Flammable materials are protected			
i. Gas cylinders are chained upright and caps are in use			
j. Gas lines are protected and in good condition			
k. Carts are available for moving cylinders			
Total Points	0	0	
19. Flammable Gases and Liquids			n/a
a. All containers clearly identified			
b. Signs posted: "No Smoking", "Flammable Materials"			
c. Fire Extinguishers within 25 feet			
d. Proper storage practices are observed			
e. Fire hazards checked			
f. Proper types and number of extinguishers are kept nearby			
g. Carts are available for moving cylinders			
h. Storage area bermed for spills (should hold 2 1/2 times largest tank)			
Total Points	0	0	
20. Excavation and Shoring			
a. Adjacent structures properly shored	2	2	
b. Proper shoring and sheathing used for soil and depth	2	2	
c. Roads and sidewalks supported and protected	2	2	
d. Excavation barricaded and lighting is provided	2	2	
e. Equipment is a safe distance from edge of excavation	2	2	
f. Ladders provided where needed	2	2	
g. Equipment ramps are adequate	2	2	
h. Competent person designated	2	2	
i. Job supervision is adequate	2	2	
Total Points	18	18	

PROJECT SAFETY EVALUATION - Jobsite Inspection

AREA OF EVALUATION	Points Possible	Points Earned	ACTION REQUIRED
21. Garages and Repair Shops			n/a
a. Fire hazards checked			
b. Proper dispensing of fuels and lubricants			
c. Good housekeeping observed			
d. Adequate lighting			
e. Fuels and lubricants in proper condition			
f. Area is well ventilated to prevent carbon monoxide and other fumes			
g. Proper grounding and bonding used			
Total Points	0	0	
22. Concrete Construction			
a. Forms properly installed and braced	2	2	
b. Adequate shoring, plumbed and cross braced	2	2	
c. Shoring remains in place until strength is attained	2	2	
d. Heating devices checked	2	2	
e. Mixing and transport equipment is supported and traffic planned and routed	2	2	
f. Adequate runways provided	2	2	
g. Protection from cement dust and concrete contact observed	2	2	
h. Shirts covering skin used	2	2	
i. Nails and stripped form material removed from area	2	1	Corrected
Total Points	18	17	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 06/29/2011

Name of Person Conducting Meeting: M. Bennett

Attendees

Name	Signature
MATT EKLUND	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 6-22-11

Name of Person Conducting Meeting: Jesus Rivera

Attendees

Name	Signature
Freddy Arias	
DE SANTIAGO RAFAEL	
Policarpio Rodriguez	
PABLO VALLES	
Jeff Tompkinson	
MICHAEL LEE	
VICTOR ALEVEDO	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 06-21-11

Name of Person Conducting Meeting: Josue Rivera

Attendees

Name	Signature
FRANK Morales	
Mike Randall	
Tom JENKINS JR.	
MARK STRZOK	
MIKE HORTON	
John Trapp	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 6-20-2011

Name of Person Conducting Meeting: Josue Rivera

Attendees

Name	Signature
Michael Shirley 6-20-11	
Jorge Lopez	
Jaime Mendoza	
Jose Aguirre	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 06/17/11

Name of Person Conducting Meeting: Josue Rivera

Attendees

Name	Signature
PAUL CONTRERAS	
EDIN. G. CECIC	
ALFREDO PEREZ	
JOE W. US	
Rafael Cuevas Jr	
David Marroquin	
KEN HASHIGEN	
RAUL JIMENEZ	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 6-16-11

Name of Person Conducting Meeting: John Aspenson

Attendees

Name	Signature
CURTIS MILLER	
Craig Lopez	
Joseph Simmons	
Alec Thompson	
Hector Valerio	
JUAN U VIERVE	
DAVE HILL	
Henry Briones	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 6-15-11

Name of Person Conducting Meeting:

Attendees

Name	Signature
AILEEN REDMAN	
John J. Eddy	
Reynaldo Villa	
JOSE LISTA	
Alex Martinez	
Angel Gonzales	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 6-13-11

Name of Person Conducting Meeting:

Attendees

Name	Signature
BARBARA J Foster	
STEVE GARMENE	
Michael S Mireles	
JOE MOLONEY	
Jonathan Rienac	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 6/9/2011

Name of Person Conducting Meeting: M. Smith

Attendees

Name	Signature
Dennis McDougall (Fa.)	
MICHAEL STEELE	
David Villalobos	
Juvenal Luna	
Antonio Morales	
THOMAS Turnbow	
Daniel Bergen	
Abraham Delgado	
Ruben Murphy	
Joe Stewart	
Mark Wesner	
MILES WOODARD	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor: Skelkat

Date Given: 6-9-11

Name of Person Conducting Meeting:

Attendees

Name	Signature
Mark Jackson	Mark Jackson

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor: SuKut

Date Given: 6-8-11

Name of Person Conducting Meeting:

Attendees

Name	Signature
PHILLIP BRASSY	Phillip Brassy

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor: SUKUT D C / H6BB

Date Given: 6-7-11

Name of Person Conducting Meeting:

Attendees

Name	Signature
Steve Prichard	Steve Prichard
Systems Engineer	Systems Engineer
JESUS C ESPINOZA G.	JESUS C ESPINOZA G.
DENNIS BRIDGE	
BRYAN NUNN	
Rudy ZAMUDIO	
TIRZO Tirado G	
PEDRO SALGADO	
Ronny Underwood	Ronny Underwood
JEFF FELLOWS	
Robert Stanley	
Bob Wiley	
JOHN V. FLOT	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor: SUBJET

Date Given: 6/7/11

Name of Person Conducting Meeting: PAUL WEST

Attendees

Name	Signature
RICARDO GARCIA	
Ricardo Cuevas.	Ricardo C. Munoz
Antonio Basurto	Antonio Basurdo
RUBEN BACHA	
Pedro Garcia	
Atanacio Rocha	
Salvador Montes	Salvador Montes
ALTON CLARK	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA POWER SYS CA

Date Given: 6-6-11

Name of Person Conducting Meeting:

Attendees

Name	Signature
Carol Thompson - URS Corp	Carol Thompson
Jesus Rivera - Gemma	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor: Marina

Date Given: 06/03/2011

Name of Person Conducting Meeting: M. Bennett

Attendees

Name	Signature
Alejandro Garcia	
TRAVIS VERMEULEN	Travis Vermeulen
David Garcia	Dave
Matt Guerrero	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor:

Date Given: 6/2/2011

Name of Person Conducting Meeting: M. Scott

Attendees

Name	Signature
Trent Cohen - Mott MacDonald	
TIM SMITH - SUKUT	
Roberto - Holguin - SUKUT	
Jeremy Specht McKeever water well	
Blas Cruz McKeever Water	
Jim Cole	
Abraham Castillo - SUKUT	
Javier Sanchez - SUKUT	

Gemma Power Systems California, Inc.

PROJECT ORIENTATION ATTENDANCE FORM

Contractor: [illegible]

Date Given: 6/1/2011

Name of Person Conducting Meeting: [illegible]

Attendees

Name	Signature
MARK A TOBIN	[signature]
ROBERT DEKRUSE	[signature]
[illegible]	[illegible]
[illegible] LANCE HALLBERG	[illegible]

APPENDIX E
Biological Resources Monthly Summary Report

URS

Date: July 4, 2011

To: Maggie Fitzgerald, CPV Sentinel Compliance Manager, URS Corporation

From: David Kisner, CPV Sentinel Designated Biologist, URS Corporation

Subject: **CPV Sentinel Project June 2011 Monthly Biology Compliance Summary Report**

This monthly compliance summary report is being submitted to comply with conditions set forth by California Energy Commission (CEC). Project description information is contained within the following references and summarized below:

1. CPV Sentinel, LLC. 2007. CPV Sentinel Energy Project Application for Certification (07-AFC-35); and

2. California Energy Commission. 2010. Final Commission Decision – CPV Sentinel Energy Project Application for Certification (07-AFC-3) Riverside County.

Table 5 within the CPV Sentinel (Sentinel) Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) provides a summary of compliance and mitigation measures identified by the CEC in the Conditions of Certification. Biological impacts have been minimized to the extent practical and linear facilities have been sited adjacent to existing roadways, to the greatest extent practical. The Project is located in, and surrounded by existing wind farms.

June 2011 Construction Activities Monitored

Sentinel construction activities during this reporting period within the 37-acre project site and along Melissa Lane included:

- Fencing around Fire Pump
- Small mammal trapping within Fire Pump area
- Grubbing of vegetation within Fire Pump area
- Project Site chain link and silt fence installation
- Melissa Lane prep and grading

Specific Mitigation Measures Implemented in June 2011 Include:

- **BIO-5**: Worker Environmental Awareness (WEAP) training.
  The WEAP training video is administered on the first day that staff joins the Sentinel project. A complete list of all Sentinel project employees trained is available upon request.

- **BIO-7.4 and 7.5**: Fencing and small mammal trapping.
  Fencing and small mammal trapping within the Fire Pump area occurred in June. Fencing for the Project site was completed in late June; small mammal trapping will occur in early July.

- **BIO-8**: Mitigation Management to Avoid Harassment or Harm.
  The on-site biological monitors are ensuring that the following measures are being followed:
  1. Install temporary fencing and provide wildlife escape ramps for construction areas that contain steep-walled holes or trenches if outside of an approved, permanent exclusionary fence. The temporary fence shall be hardware cloth or similar materials that are approved by USFWS. Before such holes or trenches are filled, they shall be thoroughly inspected for trapped animals by the Designated Biologist or Biological Monitor;
  2. Make certain all food-related trash is disposed of in closed containers and removed at least once a week;
  3. Prohibit feeding of wildlife by staff and subcontractors;
  4. Prohibit non-security related firearms or weapons from being brought to the site;
  5. Prohibit pets from being brought to the site;
  6. Report all inadvertent deaths of sensitive species to the appropriate project representative. Injured animals shall be reported to CDFG or USFWS and the project owner shall follow instructions that are provided by CDFG or USFWS;
  7. Minimize use of rodenticides in the project area; and
  8. Prohibit vehicles and personnel from entering sensitive habitats.

- **BIO-11**: Burrowing Owl Surveys and Impact Avoidance.

The on-site biological monitors periodically conducted passive monitoring of the burrowing owl nest site south of the Dever's Substation; access to the area south of Dever's Substation was revocked and continued monitoring of the owls was not possible.

Results of Condition of Certification Activities:

- **BIO-7.4 and 7.5**: Fencing and small mammal trapping.

6/4/2011: 7 desert woodrat, 5 California pocket mouse, 2 little pocket mouse, 1 desert kangaroo rat
6/5/2011: 3 desert woodrat, 1 deermouse, 1 little pocket mouse, 2 California pocket mouse, 2 desert kangaroo rat
6/6/2011: 4 desert woodrat, 1 little pocket mouse, 2 California pocket mouse
6/7/2011: 5 desert woodrat, 3 little pocket mouse, 1 California pocket mouse
6/8/2011: 18 desert woodrat, 1 California pocket mouse

All animals were captured and released outside of work area.

- **BIO-8**: Mitigation Management to Avoid Harassment or Harm.

The following animals were moved out of harm's way:
19 desert woodrats, 2 antelope squirrels, 2 desert kangaroo rat, 1 sidewinder, 2 coachwhip, 2 whiptail lizards, and 7 side-blotched lizards

The following animals were found dead within the work area:
4 desert woodrats, and 1 whiptail lizard

Two juvenile burrowing owls were found south of the project site along existing wind farm fences. Both birds appear to have been blown into the fences on the night of June 7-8th during the substantial winds and were either pinned or died on impact. These owls did not die from work related activities.

- **BIO-11**: Burrowing Owl Surveys and Impact Avoidance.

The Dever's Substation territory was occupied on June 1st and the owls did not show any strong reaction to large, construction related vehicles. The last day at least one burrowing owl was seen at the Dever's Substation was June 10th.

Compliance Issues Reported by the Designated Biologist and / or Biological Monitor:

- No compliance issues were present at the time of the monitoring. All construction activities were in compliance.

Summary of Site Conditions:

Conditions during the monitoring period included disturbance due to initial above ground site preparation, grubbing, and grading. No listed wildlife species were observed during these activities; the burrowing owl are the only sensitive wildlife species seen during these activities and were not adversely impacted.

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Wednesday June 1 to Sunday June 5, 2011
Biological Monitor(s): David Kisner, Jamie Deutsch, and Carol Thompson
Days Worked: Wednesday June 1 to Sunday June 5, 2011

Activities During the Week:

Fire Pump fencing
Fire Pump Small Mammal Trapping
Fire Pump Grubbing
Melissa Lane Grubbing

Species Detected:

6/1/2011	Dever substation burrowing owl - present
6/2/2011	Dever substation burrowing owl - present
6/3/2011	Dever substation burrowing owl - present
6/4/2011	7 desert woodrat, 5 California pocket mouse, 2 little pocket mouse, and 1 desert kangaroo rat Captured and released outside of critter fence
6/5/2011	13 desert woodrat, 1 deermouse, 1 little pocket mouse, 2 California pocket mouse, and 2 desert kangaroo rat Captured and released outside of critter fence

Any wildlife injuried or killed? No__X___ Yes____

All wildlife detected either left area on its own or were captured and relocated outside of work area. There was no trap mortality during small mammal trapping.

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Monday June 6 to Sunday June 12, 2011
Biological Monitor(s): David Kisner, Jamie Deutsch, and Carol Thompson
Days Worked: Monday June 6 to Friday June 10, 2011

Activities During the Week:

Fire Pump Small Mammal Trapping
Fire Pump Grubbing
Melissa Lane Grubbing

Species Detected:

6/6/2011	14 desert woodrat, 1 little pocket mouse, and 2 California pocket mouse Captured and released outside of critter fence
6/6/2011	Dever substation burrowing owl - present
6/7/2011	15 desert woodrat, 3 little pocket mouse, and 1 California pocket mouse Captured and released outside of critter fence
6/8/2011	18 desert woodrat and 1 California pocket mouse Captured and released outside of critter fence
6/8/2011	4 desert wooodrat relocated; 1 desert wooodrat dead; 1 sidewinder relocated; 3 side-blotched lizards relocated
6/8/2011	1 desert wooodrat and 1 uta relocated; 1 dead juv burrowing owl against fence
6/10/2011	1 antelope squirell relocated; 2 side-blotched lizards relocated; 1 whiptail dead
6/10/2011	Dever substation burrowing owl - present

Any wildlife injuried or killed? No_____ Yes_X___

Most wildlife detected either left area on its own or were captured and relocated outside of work area. One woodrat and one whiptail were found dead during grubbing activity. There was no trap mortality during small mammal trapping.

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Wednesday June 13 to Sunday June 19, 2011
Biological Monitor(s): David Kisner and Jamie Deutsch
Days Worked: Monday June 13 to Saturday June 18, 2011

Activities During the Week:

Melissa Lane Grubbing
Project Site Fencing

Species Detected:

6/14/2011 Dever substation burrowing owl - present
6/16/2011 1 desert woodrat and 1 antelope squirell - ran out of area

Any wildlife injuried or killed? No__X___ Yes____

All wildlife detected either left area on its own or were captured and relocated outside of work area.

Compliance Observations and Issues

Noise

Trash

Work Limits

Other Notes:

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Monday June 20 to Sunday June 26, 2011
Biological Monitor(s): Ken Hashagen and Jamie Deutsch
Days Worked: Monday June 20 to Friday June 24, 2011

Activities During the Week:

Fire Pump fencing
Fire Pump Small Mammal Trapping
Fire Pump Grubbing

Species Detected:

6/22/2011 13 desert woodrat, 1 coachwhil, 1 whiptail, 1 side-blotched and 2 desert kangaroo rat escaped/released outside of work area; 3 woodrats killed

Any wildlife injuried or killed? No_____ Yes__X__
Three woodrats died during grading/grubing activity.

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Monday June 27 to Thursday June 30, 2011
Biological Monitor(s): Ken Hashagen
Days Worked: Monday June 27 to Thursday June 30, 2011

Activities During the Week:

Fire Pump fencing
Fire Pump Small Mammal Trapping
Fire Pump Grubbing

Species Detected:

none

Any wildlife injuried or killed? No_____ Yes____

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

APPENDIX F
Cultural Resources Monthly Summary Report

URS

July 11, 2011

Dale Rundquist
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814-5512

RE: CPV Sentinel Energy Project (07-AFC-3C) Monthly Monitoring Summary Report, Cultural Resources

Dear Mr. Rundquist:

In accordance with CUL-6 of the California Energy Commission's (CEC's) Conditions for Certification (COCs), this letter report summarizes the cultural resources monitoring activities which took place at the CPV Sentinel Energy Project (CPVS) construction site in June 2011.

Project Description

The CPVS is a nominally rated 850-megawatt (MW) electrical generating facility. The power plant site encompasses 37 acres of land situated within unincorporated Riverside County, California. The 37-acre proposed power plant site is currently vacant, with the exception of an unoccupied dwelling unit at the southeastern corner of the site. The surrounding area is primarily characterized by industrial use with extensive development of wind energy and transmission infrastructure.

The project consists of eight natural gas-fired General Electric (GE) LMS100 combustion turbine generators (CTGs) operating in simple cycle mode. The project will supply quick-start peaking capacity, energy, and ancillary services into the California Independent System Operator's (CAISO) Los Angeles Basin Local Capacity Requirement (LCR) Area, which has been identified as an area in need of additional peaking capacity to meet resource adequacy requirements and ensure grid reliability.

Cultural Resources Monitoring

In accordance with Condition of Certification CUL-6, to ensure that there are no impacts to undiscovered resources, the Cultural Resources Specialist (CRS) or Cultural Resources Monitors (CRMs) will monitor full-time all ground disturbing activities on the project site, at the laydown areas, along the linear facility routes, and at roads or other ancillary areas, for as long as the activities are ongoing.

Full- time archaeological monitoring requires at least one monitor per excavation area where earthmoving equipment is actively removing native soils. If an excavation area is too large for one monitor to effectively observe the soil removal, one or more additional monitors are retained to observe the area.

In the event that the CRS determines that the current level of monitoring is not appropriate in certain locations, the CEC's Compliance Project Manager (CPM) shall be notified by letter or e-mail detailing the justification for the change in the level of monitoring. This request will be reviewed and must be approved by the CPM prior to any change in monitoring level.

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 the COCs.

Monitoring Activities

Cultural resources monitoring activities at the CPVS site for the month of June included monitoring utility potholing, trenching, grading, and excavation for box culvert wing wall footings. Monitoring took place from June 1 through June 30, 2011. At least one CRM was on site for all ground disturbing activities. A Native American Monitor was also on site.

One cultural resource discovery, of a previously unidentified prehistoric ceramic scatter, occurred on June 28, 2011. Pursuant to Cul-7, the project owner and CPM were notified of the discovery. Native American groups were also notified. The archaeological deposit, temporarily designated AE-2204-01 was documented and tested on June 28-June 29, 2011. Draft Department of Parks and Recreation (DPR) 523 Forms were submitted to the CEC on July 1, 2011 for review. On July 8, 2011, CEC staff requested that additional work be conducted to recover any remaining sherds and perform additional laboratory analysis to reconstruct and further document the find. When this additional effort is complete, revised DPR forms will be resubmitted to CEC for review. Consultation with local tribes in regard to the final disposition of the find is also ongoing.

Activities and observations are summarized in Table 1 below, and Daily Monitoring Logs are attached to this letter report.

Table 1. Summary of Cultural Resources Monitoring Activities June 2011.

Date	Monitors	Activities/Observations	Discoveries
06.01.2011	Robert J. Lichtenstein	Hand excavation of probes with occasional backhoe assistance in the vicinity of the southern access road to a depth of approximately 5 feet. No stratigraphy was noted; disturbed soils were present as trench fill.	None
06.02.2011	Robert J. Lichtenstein	Hand excavation of pot holes for buried electrical line in the northern portion of access road extended approximately 3 to 4 feet below ground surface (bgs). No stratigraphy was noted; disturbed soils were present as trench fill. Monitor recommended halting excavation of pot hole #11 after buried caution tape was encountered. Pot hole was filled without further excavation.	None
06.03.2011	Robert J. Lichtenstein	Mechanical trenching at power plant site to depths of 16-24 inches; Bobcat with Ditch Witch attachment was used. Although trenching was conducted in undisturbed sediments, no stratigraphy was noted.	None
06.06.2011	Robert J. Lichtenstein	Hand excavation in project area and access road area. Depth of excavation 6-10 inches bgs in alluvial fan sediments. No mechanical excavation.	None

Date	Monitors	Activities/Observations	Discoveries
06.07.2011	Robert J. Lichtenstein	Excavation for silt fence installation (Ditch Witch) and excavation of wing wall foundation. Maximum depth 4 feet bgs. Silty sands grading to coarse sands in foundation area.	None
06.08.2011	Robert J. Lichtenstein	Excavation at Melissa Road, Access Road and Hydrant Pump area. Maximum depth of excavation 5 feet bgs, in coarse sandy soils with no stratigraphy noted.	None
06.09.2011	Robert J. Lichtenstein	Excavations at Melissa Road, Access Road, 16th Street, Powerline Road and Hydrant Pump area. Maximum depth of excavation up to 12 feet bgs. No stratigraphy noted.	None
06.10.2011	Robert J. Lichtenstein	Excavation at Hydrant Pump area and grading of existing roads. Maximum depth 5 feet bgs in alluvial fan sediments. No stratigraphy observed.	None
06.11.2011	Robert J. Lichtenstein	Excavation in Hydrant Pump area to depth of 5 feet bgs in gravelly coarse sands. No stratigraphy noted.	None
06.13.2011	Robert J. Lichtenstein	The following activities occurred at the power plant site: backhoe trenching for a water line 18-24 inches bgs; grading with a front-end-loader 1-10 inches bgs; trenching for a silt fence with a Ditch Witch extended 15-17 inches bgs. Undisturbed gravelly sand alluvial fan deposits with no stratigraphy. Disturbed soils were noted only near the pad for the water tank.	None
06.14.2011	Robert J. Lichtenstein and Pat Moloney	Trenching for a silt fence with a Ditch Witch extended 15-17 inches below surface in undisturbed gravelly sand alluvial fan deposits occurred at the power plant site. Grading in the office area of the power plant site extended to 5-6 feet bgs within undisturbed gravelly sand and silt alluvial deposits.	None
06.15.2011	Robert J. Lichtenstein	Mechanical excavation of trench footings in the wing walls extended 5-9 feet bgs within undisturbed chaotically sorted alluvial deposits.	None
06.16.2011	Robert J. Lichtenstein and Pat Moloney	Grubbing and grading with a front-end-loader and Ditch Witch in access area to the power plant area extended 6-18 inches bgs in gravelly sand alluvial fan deposits. Previous ground disturbance was noted near office complex. Trenching with a long-reach excavator with 5 foot bucket extended 25 feet bgs within undisturbed coarse gravelly sand alluvial deposits.	None

Date	Monitors	Activities/Observations	Discoveries
06.17.2011	Robert J. Lichtenstein and John J. Eddy	Trenching for silt fence with Ditch Witch on the west and south perimeters of the power plant area extended 17-18 inches bgs within previously undisturbed coarse gravelly sand. Trenching near Melissa Lane extended 6-8 feet bgs within previously undisturbed alluvium.	None
06.18.2011	Robert J. Lichtenstein	Grading and cut and fill activities in the north and south portions of the project access road extended to 28 inches bgs within previously undisturbed alluvial fan deposits.	None
06.20.2011	Robert J. Lichtenstein	Mechanical trenching with a Ditch Witch on the east side of the plant perimeter extended 17-18 inches bgs within previously undisturbed gravelly sand alluvial fan deposits.	None
06.21.2011	Robert J. Lichtenstein	Trenching with a Ditch Witch extended 17-18 inches bgs, augering with an 8 inch bucket extended 18-24 inches bgs, and handwork extended 12-14 inches at the perimeter of the project area within gravelly sand alluvial fan deposits. Previous ground disturbance was noted near extant modern home site.	None
06.22.2011	Robert J. Lichtenstein	Grubbing and trenching with a Ditch Witch along sections of Melissa Lane occurred in gravelly sand alluvial fan deposits. Disturbed contexts were noted near the northern box culvert.	None
06.23.2011	Robert J. Lichtenstein	Monitoring crew left site at 8:00 am; no ground disturbance planned.	None
06.24.2011	Robert J. Lichtenstein	Mechanical excavation of footings for culvert wing walls near Melissa Lane extended 7 feet bgs within previously undisturbed gravelly coarse sand.	None
06.27.2011	Jonathan Riehn	Grubbing and trenching with a Ditch Witch and backhoe at plant site, Melissa Road and Laydown Yard areas to maximum depth of 12 inches in gravelly coarse sand.	None
06.28.2011	Jonathan Riehn	Grubbing and trenching with a grader and backhoe at plant site and Melissa Road areas to maximum depth of 12 inches in gravelly coarse sand.	Yes, not significant see attached forms
06.29.2011	Robert J. Lichtenstein	Archaeological hand excavation of 1m x 1m STU at surficial prehistoric pot drop (AE-2204-01) to 20 cm bgs within coarse gravelly sand. Previous disturbances consist of two track vehicle trails to east and west of site.	Yes, same as above

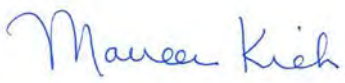
Date	Monitors	Activities/Observations	Discoveries
06.30.2011	Robert J. Lichtenstein	Grading with a CAT grader and CAT backhoe in the perimeter fence project area extended 17-18 inches bgs within previously disturbed gravelly coarse sands. Excavation of box culvert "C" at Melissa Lane extended 4-5 feet bgs within redeposited soil and modern fill.	None

Conditions/LORS Compliance

No instances of non-compliance with the Conditions of Certification or applicable LORS were recorded.

Summary and Conclusions

Cultural resources monitoring took place between June 1 and June 30, 2011. At least one CRM and one Native American Monitor were onsite to monitor all ground disturbing activities. One discovery occurred in the month of June, as described above. Monitoring is ongoing, and will continue full-time during ground disturbing activities.



Sincerely,

Maureen Kick
Cultural Resources Specialist, CPV Sentinel Generating Station

Attachments: Monitoring Logs

cc: Kathy Rushmore, URS
Maggie Fitzgerald, URS
Mark McDaniels, CPV

Attachment A

Daily Cultural Resources Monitoring Logs
June 2011
CPV Sentinel Energy Project

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 01-JUNE Monitor Name: ROBERT T LICHTENSTEIN

Weather Conditions: MID 80s° WINDY / 10-15MPH CONSTANT 20-25MPH GUSTS SLIGHT NOCOAST
Hours on Site Not Worked and Reason: N/A
Work Location (Project Component): SOUTHBOUND ACCESS ROAD
Work Type (Machine): HAND EXCAVATION OF PROBES WITH OCASIONAL BACKHOE ASSISTANCE
Depth of Excavation: 5'
Observed Native Soils (Stratigraphy): NO STRATIGRAPHY NOTED ~~DISTURBED CONTEXT~~
Disturbed/Redeposited Soils: PRESENT AS TRENCH FILL
Features:
NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
NO ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NO ACTIONS TAKEN

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 02-Jun-2011 Monitor Name: Robert J Lichtenstein

Weather Conditions: Mid 80's Windy 10-15mph with Gusts 20-25mph
Hours on Site Not Worked and Reason: N-A
Work Location (Project Component): Northern Portion of Ag Access Road
Work Type (Machine): Hand Excavations / Pot Holes for Buried Electrical Line
Depth of Excavation: 3'-4'
Observed Native Soils (Stratigraphy): No Stratigraphy Noted
Disturbed/Redeposited Soils: Present Ag Trench Fill
Features:
No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
Recommended Halting of Excavation of Pot Hole # 11 after Buried Caution Tape was cut, as proceeding deeper would present a safety hazard. Bucket and Gila Pobovar were notified. Pot Hole was backfilled with out further excavation.

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 03 JUNE 2011 Monitor Name: ROBERT J LICHTENSTEIN

Weather Conditions: UPPER 80'S 5-10MPH WINDS DRY CLEAR
Hours on Site Not Worked and Reason:
Work Location (Project Component): PROJECT (PLANT) SITE
Work Type (Machine): MECHANICAL TRENCHING BOBCAT WITH DITCH WITCH ATTACHMENT
Depth of Excavation: ~~0-24"~~ 16"-24"
Observed Native Soils (Stratigraphy): NO STRATIGRAPHY NOTED
Disturbed/Redeposited Soils: TRENCHING TOOK PLACE IN UNDISTURBED SEDIMENTS
Features:
NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context):
NO ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NO ACTIONS TAKEN

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 6 June 2011 Monitor Name: ROBERT J LICHTENSTEIN

Weather Conditions: WARM MID 80's DRY CLEAR WINDY 20-25MPH WITH GUSTS TO 30+ MPH
Hours on Site Not Worked and Reason:
Work Location (Project Component): PROJECT AREA, ACCESS ROAD
Work Type (Machine): HAND SHOVEL WORK IN PROJECT AREA
Depth of Excavation: 5-10"
Observed Native Soils (Stratigraphy): RECENT FINE SEDIMENTS NO SOILS NO STRATIGRAPHY
Disturbed/Redeposited Soils: NO DISTURBANCE NOTED
Features:
NA

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
NO CULTURAL ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
CLOSE TO SCHEDULING CONFLICTS NO MECHANICAL EXCAVATION TOOK PICS ON SITE TODAY

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 07 June 2011 Monitor Name: Robert T Lichtenstein

Weather Conditions: Warm Low to mid 80's Clear Dry Windy
Hours on Site Not Worked and Reason:
Work Location (Project Component): Project Access Road / Mojave Road STA 61+60 to 64+56
Work Type (Machine): Pot Excavation (Silt Fence) Excavator / Track Hoe (Power Pole Foundation)
Depth of Excavation: Max Dept 4' at North end of cut for wing wall #2 Foundation
Observed Native Soils (Stratigraphy): Silty Sands to Gravelly to Coarse Sands in Foundation to 12.00
Disturbed/Redeposited Soils: No Disturbed Sediments were noted
Features:
No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Cultural Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
No Actions Taken
Monitored installation of Silt Fencing at wing wall Areas 1 and 4
" Excavation of Foundation / Footing Area for 2 wing walls
" and excavation of Pot Holes for Buried 12kV Line West of Chain Link Fence at Wing wall 4 Area.

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 28 June 2011 Monitor Name: R.T. Lichtenstein

Weather Conditions: Warm Dry Clear Windy
Hours on Site Not Worked and Reason:
Work Location (Project Component): 2 Points on Melissa Road / Project Access Road, Hydrant Pump Area
Work Type (Machine): On Melissa Road: excavation w/ ITA D7T Cat, at Hydrant Pump Area Grubbing with front end loader
Depth of Excavation: ± 3-4', 2 4-5', 3-0-1' *
Observed Native Soils (Stratigraphy): No Stratigraphy Noted, Sediment was Gravelly Coarse Sands
Disturbed/Redeposited Soils: No Disturbed or Redeposited Sediments Noted
Features:
No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
No Cultural Materials / Features Noted

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):

* Area 1 Excavation for Culvert Box on Melissa Road at Sta 66+00 No Action Taken
Area 2 " " " " " " " " Fogelpole Property Fence " "
Area 3 Grubbing / Vegetation Removal Hydrant Pump Area No Action Taken

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 09 June 2011 Monitor Name: RT Hudson

Weather Conditions: Upper Mid 70 High 80's Dry Clear Wind 10-15 Gusting 20-25 mph
Hours on Site Not Worked and Reason:
Work Location (Project Component): Pecan Ave, Mellon Rd, 16th Street, Power Line Road Bore, Hydrant Pump Area
Work Type (Machine): Hand Excavation For Dirt Face Excavator, Rock Hog From Backhoe (x2) No other Areas
Depth of Excavation: Dirt Face 6-12", Gas Main 2 Feet at 3-4', Culvert Box (60x60) 4-5', Culvert Box (70x10) 5'
Observed Native Soils (Stratigraphy): No Strata Observed Trenching Trenches 18-24", Hydrant Pump Area 0-1
Disturbed/Redeposited Soils: No Disturbed Contexts Noted
Features:
No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Cultural Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
No Actions Taken

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 10/Thurs/2011 Monitor Name: R.T. Lichtenstein

Weather Conditions: Hot Low 90's Dry/Clear Windy 10mph Gusts 15-20mph
Hours on Site Not Worked and Reason:
Work Location (Project Component): Hydrant Pump Road, Existing Roads
Work Type (Machine): D7 Cat, Front End Loading & Hydrant Pump Area) Back Hoe (Existing Roads)
Depth of Excavation: 4-5' Hydrant Area, 2' (Existing Roads)
Observed Native Soils (Stratigraphy): No Stratigraphy observed, Alluvial Fan Sediments
Disturbed/Redeposited Soils: No Disturbances Noted
Features:
No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Cultural Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
No Actions Taken

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 13 June 2011 Monitor Name: R. V. Lightcap

Weather Conditions: Hot (100°+) Day Clear Windy 10-15 mph With Gusts to 20 mph
Hours on Site Not Worked and Reason:
Work Location (Project Component): Project Plant Area
Work Type (Machine): Backhoe (Water Line Trenching) Front End Loader (Grading) Ditch Witch (Silt Fence)
Depth of Excavation: Water Line Trench: 18"-2' Grading 1"-10" Ditch Witch 16"-17"
Observed Native Soils (Stratigraphy): Alluvial Fan Gravelly Sand Sediments No Stratigraphy Observed
Disturbed/Redeposited Soils: Disturbed Context Noted Only Near Pad for Water Tank
Features:
No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
No Actions Taken

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 14 June 2011 Monitor Name: R.T. Lichtenstein

Weather Conditions: Hot 110+ Dry Clear Little to No Wind
Hours on Site Not Worked and Reason:
Work Location (Project Component): Project Plant Area
Work Type (Machine): Ditch Witch (Trenching For Silt Fence)
Depth of Excavation: 17-18"
Observed Native Soils (Stratigraphy): Gravelly Medium to Coarse Sands Alluvial Fan Deposits No Stratigraphy Notes
Disturbed/Redeposited Soils: No Disturbed Sediments Noted.
Features:
No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
No Action Taken

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 06-14-2011 Monitor Name: PAT MONROE

Weather Conditions: 100°+ ; clear skies slight w. winds
Hours on Site Not Worked and Reason: ~~Project area~~ 1½ - directed to leave no activity.
Work Location (Project Component): Project area offices
Work Type (Machine): D9T, grader - grading & gabion & office area.
Depth of Excavation: 5' — 6'
Observed Native Soils (Stratigraphy): gravelly sands, silts & alluvial deposits.
Disturbed/Redeposited Soils:
Features:
none noted.

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
none noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NA

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 15 JUNE 2011 Monitor Name: R.J. LICHTENSTEIN

Weather Conditions: HOT (100°F) DRY CLEAR, WINDY 10-15 MPH
Hours on Site Not Worked and Reason:
Work Location (Project Component): MELISSA ROAD WIDE WORKS 3+4 NSTA 63+40 TO NSTA 64+70
Work Type (Machine): MECHANICAL (DOZER) EXCAVATION OF TRENCH FOR TIE CS
Depth of Excavation: 5-9'
Observed Native Soils (Stratigraphy): SANDS, SILTS, COBBLES & BOULDERS W/ LENSES & SUBSTRATE OF STREAM LOAD ALLUVIAL DEPOSITIO
Disturbed/Redeposited Soils: NO DISTURBED SEDIMENTS NOTED
Features: NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
NO ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NO ACTIVITY TAKEN

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 16 JUNE 2011 Monitor Name: R-T LICHTENSTEIN

Weather Conditions: HOT (90°+) DRY CLEAR WINDY 20+25 MPH
Hours on Site Not Worked and Reason:
Work Location (Project Component): PROJECT / PLANT AREA
Work Type (Machine): GRADING AND GRADING ON ACCESS TO PROJECT AREA DITCH FRONTEND LOADER/SITE PERIMETER DITCH WITCH
Depth of Excavation: 0.5'-1.5' GRADING / 17"-18" SILT TRENCH
Observed Native Soils (Stratigraphy): NO STRATIGRAPHY / DG SANDY / MED - COARSE GRAVELLY SANDS / ALLUVIAL FAN DEPOSIT
Disturbed/Redeposited Soils: SOME DISTURBED MATERIAL NEAR OFFICE COMPLEX
Features:
NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
NO ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NO ACTIONS TAKEN

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 06-16-2011 Monitor Name: TAT Mokiao/

Weather Conditions: Strongly gusting w. winds; 90°+
Hours on Site Not Worked and Reason:
Work Location (Project Component): Trenching E + SCE.
Work Type (Machine): Long reach excavator - 5' bucket. / Front loader.
Depth of Excavation: 25'
Observed Native Soils (Stratigraphy): Coarse gravelly sands / alluvium deps.
Disturbed/Redeposited Soils:
Features:
None

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
None noted.

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA.

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NA.

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 17 June 2011 Monitor Name: R.T. Kienzle (Town 1)

Weather Conditions: Hot (90+) Dry Clear Windy (10-15 mph)
Hours on Site Not Worked and Reason:
Work Location (Project Component): Project Plant Area Perimeter (West + South Sides)
Work Type (Machine): Ditch with Trencher Trench For Silt Fence
Depth of Excavation: 17-18"
Observed Native Soils (Stratigraphy): No Stratigraphy Noted Sediments Are Medium Coarse Grain Sands
Disturbed/Redeposited Soils: No Disturbed Sediments Noted
Features: No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Cultural Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
No Action Taken

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 6/17/11 Monitor Name: John J. Eddy (Tetra Tech)

Weather Conditions: Dry, Windy, Hot
Hours on Site Not Worked and Reason:
Work Location (Project Component): Melissa Lane - Trenching / 9am - Road cut south of 16th Avenue
Work Type (Machine): 329DL Excavator / D9 Bulldozer
Depth of Excavation: 6-8 ft - Slope/sidewall finishing in existing trench
Observed Native Soils (Stratigraphy): Alluvial
Disturbed/Redeposited Soils:
Features:
N/A

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
N/A ~ nothing observed ~ Alluvial sediments of Mission Creek / Seven Palms Valley are low sensitivity for buried cultural resources

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
No Action Taken

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 18 JUNE 2011 Monitor Name: R J CLEVENSTEIN

Weather Conditions: HOT (90°) DRY CLEAR WINDY (10-15 MPH)
Hours on Site Not Worked and Reason:
Work Location (Project Component): NORTH AND SOUTH SIDE OF PROJECT ACCESS ROAD
Work Type (Machine): GRADING (CUT FILL, COMPACT ROAD BED) D9T CAT AND CAT 140H ROAD GRADER
Depth of Excavation: MAX DEPTH OF ANY EXCAVATION 2.8'
Observed Native Soils (Stratigraphy): NO STRATIGRAPHY NOTED, SEDIMENTS ARE ALLUVIAL FAN DEPOSITS
Disturbed/Redeposited Soils: NO DISTURBED SOILS NOTED.
Features:
NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
NO CULTURAL MATERIALS

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NO ACTION TAKEN

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 20 June 2011 Monitor Name: R. J. Lichtenstein

Weather Conditions: Hot (100°+) Dry/Clear Virtually No Wind
Hours on Site Not Worked and Reason:
Work Location (Project Component): Perimeter Project/Plant Area (East Side)
Work Type (Machine): Mechanical Trenching with Ditch Witch
Depth of Excavation: 17-18"
Observed Native Soils (Stratigraphy): No Stratigraphy Noted/Gravelly Sands, Alluvial Fan Deposition
Disturbed/Redeposited Soils: No Disturbed Sediments Noted
Features:
No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
No Artifacts Noted

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
No Actions Taken

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 21 JUNE 2011 Monitor Name: R.T. LICHTENSTEIN

Weather Conditions: HOT (100-110°+) DRY CLEAR, LITTLE TO NO BREEZE
Hours on Site Not Worked and Reason:
Work Location (Project Component): PERIMETER OF PROJECT AREA
Work Type (Machine): DITCH WITCH, 8" AUGER, HAND WORK
Depth of Excavation: DITCH WITCH 17"-18", 8" AUGER 18-24", HAND WORK 12-14"
Observed Native Soils (Stratigraphy): NO STRATIGRAPHY NOTED, GRAVEL, SAND, ALLUVIAL FAN DEPOSIT
Disturbed/Redeposited Soils: SOME DISTURBED SEDIMENTS NEAR NOLAN SOR, EXTANT MODERN HOME STEAD
Features:
NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
NO CULTURAL ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NOTIFIED DUKUT FOREMAN (WARREN DAVILA) WHEN MECHANICAL TRENCHING TOOK SEVERED BURRIED CABLE. CABLE WAS ABANDONED/NO LONGER IN USE
NO FURTHER ACTION TAKEN

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 22 JUNE 2011 Monitor Name: R.A. LICHTENSTEIN

Weather Conditions: HOT (100-110°F) DRY CLEAR SLIGHT BREEZE (1-5 MPH)
Hours on Site Not Worked and Reason:
Work Location (Project Component): SECTIONS OF MELISSA LANE
Work Type (Machine): TRENCHING (DITCH WITCH) / GRUBBING (CAT A-24 / FRONT END LOADER w/ BLADE)
Depth of Excavation:
Observed Native Soils (Stratigraphy): NO STRATIGRAPHY NOTED, GRAVELLY SANDS, ACTIVE FAN DEPOSITS
Disturbed/Redeposited Soils: SOME DISTURBED CONTEXT NOTED NEAR NORTHERN BOX CULVERT
Features:
NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
NO CULTURAL ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS):
N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NO ACTIONS TAKEN

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 23 June 2011 Monitor Name: R.J. LICHTENSTEIN

Weather Conditions: WARM (90°F) DRY CLEAR SLIGHT BREEZE (N 5 MPH)
Hours on Site Not Worked and Reason:
Work Location (Project Component):
Work Type (Machine):
Depth of Excavation:
Observed Native Soils (Stratigraphy):
Disturbed/Redeposited Soils:
Features:

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):

Assessment of Significance of Any Finds? (As recommended by the CRS):

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):

MONITORING CREW WAS RELEASED AT 0830 AS IT WAS DETERMINED THAT NO GROUND DISTURBING ACTIVITY WAS TO TAKE PLACE DURING THE DAY

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APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 24 June 2011 Monitor Name: R.J. LICHTENSTEIN

Weather Conditions: HOT (100°+) CLEAR DRY BREEZY (5-10 MPH)
Hours on Site Not Worked and Reason:
Work Location (Project Component): MELISSA LANE AREA AROUND SOUTHERN BOX CULVERT
Work Type (Machine): MECHANICAL EXCAVATION (CAT 329D EXCAVATOR) OF FOOTINGS FOR CULVERT WING WALLS
Depth of Excavation: 4'
Observed Native Soils (Stratigraphy): NO CLEAR STRATIGRAPHY OBSERVED / GRAVELLY COARSE SANDS
Disturbed/Redeposited Soils: NO DISTURBED SOILS NOTED.
Features:
NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
NO CULTURAL ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS):
NA

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
NO ACTION TAKEN

Cultural Resources Daily Monitoring Log

CPV Sentinel Project, Date: ___6/27/11_____, Monitor Name: Jonathan Riehn
Weather Conditions: ____Hot, Dry, Windy and High of 106
Hours on Site Not Worked and Reason: _____N/A_____
Work Location (Project Component):_Main Project Area, Mellisa Road, Laydown Yard
Work Type (Machine): ____Ditch Witch, Backhoe_____
Depth of Excavation: _____12 inches_____
Observed Native Soils (Stratigraphy): **Loose silt, Dune Sand, Granite Rocks and Pebbles, and cryptobiotic soil on surface.**

Disturbed/Redeposited Soils: **Dune sand, quartz and chert pebbles.**

Features: __**N/A**_____

Artifacts (Isolated? Diagnostic? Greater than 45 years? Exceptional? Include description, provenience, stratigraphic context.):

Nothing significant. Sporadic modern trash.

Assessment of Significance of Any Finds?

No Significance

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling), Other Observations:

__**None**_____

Cultural Resources Daily Monitoring Log

CPV Sentinel Project, Date: ___6/28/11_____, Monitor Name: Jonathan Riehn
Weather Conditions: ____Hot, Dry, Windy and High of 104
Hours on Site Not Worked and Reason: _____N/A_____
Work Location (Project Component): Mellisa Rd, 37 Acre Project Area
Work Type (Machine): ____Blader, Backhoe_____
Depth of Excavation: _____12 inches_____
Observed Native Soils (Stratigraphy): **Loose silt, Dune Sand, Granite Rocks and Pebbles, and cryptobiotic soil on surface.**

Disturbed/Redeposited Soils: **Dune sand, quartz and chert pebbles.**

Features: __**N/A**_____

Artifacts (Isolated? Diagnostic? Greater than 45 years? Exceptional? Include description, provenience, stratigraphic context.):

Pottery drop of possible red buffware is found in the southeast corner of the 37 acre project area at a site datum of NAD 83 Zone 11 S 0539572 3754887. 40+ large sherds of the same vessel (1 MNI) two at the most. Micaceous and feldspar temper with a 2 cm diameter.

Assessment of Significance of Any Finds?

Very significant, subsurface deposits needs to be shovel tested for.

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling), Other Observations:

Photos taken, pot drop area cordoned off with caution tape, Halt on disturbance and grading till subsurface deposits have been shovel tested.

This page can be duplicated and copies completed daily by each CRM.

APPENDIX C
CULTURAL RESOURCES MONITORING LOG,
CPV SENTINEL ENERGY PROJECT

Date: 29 June 2011 Monitor Name: R. J. Lichtenstein

Weather Conditions: Hot (100°) Dry Clear Windy 10-15mph Gusts 20-25mph
Hours on Site Not Worked and Reason:
Work Location (Project Component): From SE Corner of Project Area
Work Type (Machine): Hand Excavation of STU on AC-2204-01
Depth of Excavation: 20 cm
Observed Native Soils (Stratigraphy): Coarse Gravelly Sands
Disturbed/Redeposited Soils: ~~Two Tracks~~ Vehicle Tracks on East and West Sides of Site
Features: No Cultural Features Noted

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.):
AC-2204-01 Prehistoric Single Event Lot Drop 39 Sherds Recovered From Surface & 4 Sherds Recovered From 1/8" Screen at 0-10 cm Below Surface. Ceramics are Lowry Colorado Buffware Colorado Red (Patayan I: 700 - (875-1050))

Assessment of Significance of Any Finds? (As recommended by the CRS):
No Assessment of Significance.

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling):
Surface Scatter Collected, n=39 STU (1m x 1m) Excavated in Two 10 cm Levels (0-10cm 54 Sherds, 10-20 cm 0 Sherds)

This page can be duplicated and copies completed daily by each CRM.

APPENDIX C
CULTURAL RESOURCES MONITORING LOG, CPV SENTINEL ENERGY PROJECT

Date: 30 June 2011 Monitor Name: R. J. Lichtenstein

Weather Conditions: HOT (100°+) DRY CLEAR SLIGHT BREEZE (SW-NW)
Hours on Site Not Worked and Reason:
Work Location (Project Component): ① PERIMETER FENCE PROJECT AREA ② BOX CULVERT "C" & MELISSA LANE
Work Type (Machine): ① CAT 140H GRADER, CAT 430D BACKHOE ② CAT 329D EXCAVATOR
Depth of Excavation: ① 17"-18" ② 4'-5'
Observed Native Soils (Stratigraphy): GRAVELLY COARSE SANDS
Disturbed/Redeposited Soils: ① SOME DISTURBED SEDIMENTS NOTED AROUND OFFICES ② REDEPOSITED AND MODERN FILL
Features: NO CULTURAL FEATURES NOTED

Artifacts (Isolated? Diagnostic? Greater than 50 years? Exceptional? Include description, provenience, stratigraphic context.): NO ARTIFACTS NOTED

Assessment of Significance of Any Finds? (As recommended by the CRS): N/A

Actions Taken (Halt/Resume Construction; Identification; Notifications; Recommendations; Photography; Collecting; Sampling): NO ACTIONS TAKEN

APPENDIX G
Paleontological Resources Monthly Summary Report

CPV Sentinel Energy Project
Paleontological Resource Monitoring and Mitigation Program

Monthly Progress Report

Project Name: CPV Sentinel Energy Project

Clients: URS Corporation/CPV Sentinel, LLC **Month:** June 2011

Project Paleontologist/Designated Paleontological Specialist: Dr. Lanny H. Fisk, PhD, PG

Monthly Progress Report for June 2011:

During the month of June 2011, PaleoResource Consultants (PRC) continued to work with CPV Sentinel, LLC through their environmental consultants, URS Corporation, to mitigate potential adverse impacts to paleontological resources (fossils) which might result from the construction of the Sentinel Energy Project (Project), located near the City of Desert Hot Springs in Riverside County, California. Project environmental awareness and safety training took place in the City of Palm Desert, California on 31 May 2011. Dr. David M. Haasl, PhD, alternate Paleontological Resource Specialist (PRS) gave the paleontological environmental awareness training. Other PRC personnel in attendance were Dave Maloney, PRC Field Supervisor, and Darryl Dang, PRC Field Paleontologist and Project Paleontological Resource Monitor (PRM). Following the environmental awareness and safety training, Dr. Haasl, and Mr. Maloney also conducted a brief field survey of the project site on 01 June 2011.

Project-related earth disturbance activities requiring paleontological monitoring started on 01 June. No significant paleontological resources were encountered during monitoring activities. Activities requiring monitoring during the month of June included excavations in support of the installation of a silt fence, clearing and grubbing of the Project site, potholing, auguring, trenching, and grading of an access road. Only coarse-grained Pleistocene and Holocene age alluvial fan deposits were disturbed by these activities. PRC PRM Darryl Dang was present to monitor these activities. At several times during June, Project excavations took place at more than one location requiring the presence of a second paleontological monitor. On those occasions, the extra monitoring was accomplished by Dr. Joe Stewart, PhD (09 and 14 June), and Ms. Annette Cornelius (16-18 and 20-21 June). Dr. Stewart is a paleontologist with URS and Ms. Cornelius is a Field Paleontologist with PRC. Both attended the environmental and awareness training prior to starting monitoring. No significant paleontological resources were encountered during monitoring activities.

Other project related activities completed this month included the preparation of a monthly progress report, completing of daily monitoring reports, communication with URS and staff, project record keeping, and other management activities.

No major issues or problems impacting monitoring activity arose during June.

For July, monitoring of ground disturbance activities will continue.

APPENDIX H
Air Quality

Date: June 6, 2011 **Hours of Operation:** 7 am 4 pm

Form Completed by (AQCMM or Delegate): AQCMM

Site Conditions (e.g., calm, windy) During the Day:
Very windy (high wind event)

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)
Pot -holing by hand to tag the electrical underground line
Stringing out (melting) the water pipeline
Silt fencing installation along Melissa Lane

Approximate Acreage of ground disturbed today:
Less than one acre

Quantity, Model #, Serial # of Equipment Operating: see attached master equipment list

Scraper - _____ **Fork Lift -** 1

Grader - _____ **Other -** back hoe

Loader - 1 **Other -** _____

Water Trucks - 2 **Number of Water Loads -** 4

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	NA		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	NA		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	NA		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		No paved roads within the project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	NA		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	NA		No soil storage piles
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application for worker eye protection.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	No		Signage is on order – expected to be onsite this week.
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	AQCMP oncite with AQCMM and site foreman	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	NA		No plumes observed over 100 feet in length, AQ opacity is ok
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	NA		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	NA		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	NA		Not practical until equipment onsite for 5 days
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the CPM that is certified by the onsite AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	NA		Not practical until equipment onsite for 5 days
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	NA		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Interview with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature Anne Runnalls **Date** 6/6/11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: 6-6-11

Name: Anne

Very windy conditions. Lots of water used to keep dust on site.

Minimal dust causing activities

Signature: Anne Runnalls

Date: June 7, 2011 **Hours of Operation:** ___7___**am** ____4_____**pm**

Form Completed by (AQCMM or Delegate): AQCMM

Site Conditions (e.g., calm, windy) During the Day:

Very windy

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Pot -holing by hand to tag the electrical underground line

Stringing out (melting) the water pipeline

Silt fencing installation along Melissa Lane, minimal excavation for support wall

Approximate Acreage of ground disturbed today:

Less than one acre

Quantity, Model #, Serial # of Equipment Operating: see attached master equipment list

Scraper - _____ **Fork Lift -** _____2_____

Grader - _____ **Other -** _____back hoe_____

Loader - _____1_____ **Other -** _____excavator_____

Water Trucks - _____2_____ **Number of Water Loads -** _____**4**____

dozer

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	NA		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	NA		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	NA		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		No paved roads within the project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	NA		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	NA		No soil storage piles
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application for worker eye protection.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	No		Signage is on order – expected to be onsite this week.
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	AQCMP oncite with AQCMM and site foreman	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	NA		No plumes observed over 100 feet in length, AQ opacity is ok
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	NA		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	NA		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	NA		Not practical until equipment onsite for 5 days
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the CPM that is certified by the onsite AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	NA		Not practical until equipment onsite for 5 days
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	NA		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Interview with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature Anne Rumalla **Date** 6-7-11

Circle Title **(AQCMM)** **(AQCMM Delegate)**

Field Notes

Project Name: Sentinel Energy Center

Date: 6-7-11

Name: _____

less Wind today but still blowing.
maintained good dust control using water
new diesel equipment onsite.

Signature: Anne Rumalla

Date: June 8, 2011 **Hours of Operation:** 7 am 4 pm

Form Completed by (AQCMM or Delegate): AQCMM

Site Conditions (e.g., calm, windy) During the Day:

Very windy (high wind event)

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Pot -holing by hand to tag the electrical underground line

Stringing out (melting) the water pipeline

excavation for support wall and culverts along Melissa Lane

grubbing in fire water pump area

Approximate Acreage of ground disturbed today:

three acres

Quantity, Model #, Serial # of Equipment Operating: see attached master equipment list

Scraper - _____ **Fork Lift -** 2

Grader - _____ **Other -** _____

Loader - 1 (backhoe) **Other -** excavator

Water Trucks - 3 **Number of Water Loads -** 8

Dozer (D9)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	NA		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	NA		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	NA		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		No paved roads within the project site
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All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application for worker eye protection.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	No		Signage is on order – expected to be onsite this week.
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	AQCMP oncite with AQCMM and site foreman	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	NA		No plumes observed over 100 feet in length, AQ opacity is ok
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	NA		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	NA		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	NA		Not practical until equipment onsite for 5 days
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the CPM that is certified by the onsite AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	NA		Not practical until equipment onsite for 5 days
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	NA		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Interview with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature Anne Rumalla **Date** 6-8-11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: 6-8-11

Name:

High wind again

Added water to control dust at culvert box excavation on Melissa Lane

Signature: Anne Rumalla

Date: June 9, 2011 **Hours of Operation:** 6 am 4 pm

Form Completed by (AQCMM or Delegate): AQCMM

Site Conditions (e.g., calm, windy) During the Day:
Very windy (high wind event)

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)
Pot -holing by hand to tag the electrical underground line
Stringing out (melting) the water pipeline
excavation for support wall and culverts along Melissa Lane
grubbing in fire water pump area

Approximate Acreage of ground disturbed today:
three acres

Quantity, Model #, Serial # of Equipment Operating: see attached master equipment list
Scraper - _____ **Fork Lift -** 2
Grader - _____ **Other -** _____
Loader - 1 (backhoe) **Other -** excavator
Water Trucks - 3 (one out of service) **Number of Water Loads -** 8
Dozer (D9)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	NA		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	NA		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	NA		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		No paved roads within the project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	NA		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	NA		No soil storage piles
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application for worker eye protection.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	No		Signage is on order – expected to be onsite this week.
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	AQCMP oncite with AQCMM and site foreman	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	NA		No plumes observed over 100 feet in length, AQ opacity is ok
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	NA		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	NA		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	NA		Not practical until equipment onsite for 5 days
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the CPM that is certified by the onsite AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	NA		Not practical until equipment onsite for 5 days
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	NA		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Interview with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature Anne Runnalls **Date** 6-9-11

Circle Title (AQCMM) / (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

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_____

Signature: _____

Date: June 10, 2011 **Hours of Operation:** 6 am 4 pm

Form Completed by (AQCMM or Delegate): AQCMM

Site Conditions (e.g., calm, windy) During the Day:

Very windy

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Stringing out (melting) the water pipeline

Moving dirt in fire water pump area for foundation

Approximate Acreage of ground disturbed today:

Three acres

Quantity, Model #, Serial # of Equipment Operating: see attached master equipment list

Scraper - _____ **Fork Lift -** 2

Grader - _____ **Other -** _____

Loader - 1 (backhoe) **Other -** _____

Water Trucks - 3 **Number of Water Loads -** **8-9 each**

Dozer (D9)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	NA		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	NA		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	NA		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		No paved roads within the project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	NA		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	NA		No soil storage piles
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application for worker eye protection.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Signs posted	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	AQCMP oncite with AQCMM and site foreman	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	NA		No plumes observed over 100 feet in length, AQ opacity is ok
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	NA		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	NA		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Master equipment list and equipment onsite is monitored for label	
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the CPM that is certified by the onsite AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	NA	CARB certification labels, master equipment list	
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	NA		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Interview with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature Anne Randle **Date** June 10, 2011

Circle Title **(AQCMM)** **(AQCMM Delegate)**

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

Signature: _____

Date: June 11, 2011 **Hours of Operation:** ___6___ **am** ___3___ **pm**

Form Completed by (AQCMM or Delegate): AQCMM

Site Conditions (e.g., calm, windy) During the Day:

Sunny and slightly windy. Forecast is for high winds (>25 mph) but morning is calm.

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Moving dirt in fire water pump area for foundation

Approximate Acreage of ground disturbed today:

Three acres

Quantity, Model #, Serial # of Equipment Operating: see attached master equipment list

Scraper - _____ **Fork Lift -** _____

Grader - _____ **Other -** _____ _____

Loader - _____1_(backhoe)_____ **Other -** _____ _____

Water Trucks - _____3_____ **Number of Water Loads -** _____**8-9 each**____

2 Dozers

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	NA		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	NA		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	NA		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		No paved roads within the project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	NA		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	NA		No soil storage piles
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application for worker eye protection.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Signs posted	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	AQCMP oncite with AQCMM and site foreman	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	NA		No plumes observed over 100 feet in length, AQ opacity is ok
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	NA		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	NA		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Master equipment list and equipment onsite is monitored for label	
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the CPM that is certified by the onsite AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	NA	CARB certification labels, master equipment list	
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	NA		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Interview with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature Anne Runalls **Date** 6-11-11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: 6-11

Name: ARunalls

Only work today is fire water pump pad. Winds are not too strong. Dust is controlled very well do to water use in compaction

Signature: Anne Runalls

Date: June 13, 2011 **Hours of Operation:** 6 am 4 pm

Form Completed by (AQCMM or Delegate): AQCMM Delegate

Site Conditions (e.g., calm, windy) During the Day:
Mild winds

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)
excavation silt fence/perimeter fence
complete fire water pump foundation pad

Approximate Acreage of ground disturbed today:
three acres

Quantity, Model #, Serial # of Equipment Operating: see attached master equipment list
Scraper - _____ **Fork Lift -** 1
Grader - _____ **Other -** _____
Loader - _____ **Other -** _____
Water Trucks - 2 **Number of Water Loads -** 16
Dozer (D9)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	NA		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	NA		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	NA		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		No paved roads within the project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	NA		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	NA		No soil storage piles
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application for worker eye protection.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Signs posted	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	AQCMP oncite with AQCMM and site foreman	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	NA		No plumes observed over 100 feet in length, AQ opacity is ok
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	NA		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	NA		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	NA		Not practical until equipment onsite for 5 days
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the CPM that is certified by the onsite AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	NA		Not practical until equipment onsite for 5 days
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	NA		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Interview with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature _____ **Date** 6/13/11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: 6/13/11

Name: MARK M

LIGHT WINDS, MINIMAL DUST CAUSING ACTIVITIES.

Signature: _____

Date: June 15, 2011 **Hours of Operation: 6 am 4 pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day: Low wind

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Digging foundations for wing walls and culverts along Melissa Road

Approximate Acreage of ground disturbed today:

Three acres

Quantity, Model #, Serial # of Equipment Operating:

Scraper - 1 **Fork Lift -**

Grader - 1 **Other -** Excavator/compactor

Loader - **Other -**

Water Trucks - 2 **Number of Water Loads -** 20

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads adjacent to project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Only pile on site not inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	N/A		No bulk transported
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	N/A		No plumes >100ft in length, opacity is ok
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	N/A		Not practical until equipment onsite for 5 days
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	N/A		Not practical until equipment onsite for 5 days
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature _____ **Date** 6/15/11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

NONE

Signature: _____

Date: **June 16, 2011** **Hours of Operation:** **6 am 4 pm**

Form Completed by (AQCMM or Delegate): **Delegate**

Site Conditions (e.g., calm, windy) During the Day:

High winds, gusts

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Grading, grubbing, excavating, pouring cement

Approximate Acreage of ground disturbed today:

4-5 acres

Quantity, Model #, Serial # of Equipment Operating:

Scraper - 1 **Fork Lift -**

Grader - 1 **Other -** **Excavator/compactor**

Loader - **Other -**

Water Trucks - 3 **Number of Water Loads -** 45

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads adjacent to project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Only pile on site not inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	Yes	Monitored	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	General work area needs water application

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	N/A		Not practical until equipment onsite for 5 days
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	N/A		Not practical until equipment onsite for 5 days
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature _____ **Date** 6/16/11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

NONE

Signature: _____

Date: **June 17, 2011** **Hours of Operation:** **6 am 4 pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day:

Moderate average wind with high gusts throughout the day

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Grading, Trenching, Moving Dirt, Compacting

Approximate Acreage of ground disturbed today:

4-5

Quantity, Model #, Serial # of Equipment Operating:

Scraper - 2 **Fork Lift -**

Grader - 1 **Other -** Excavator

Loader - **Other -**

Water Trucks - 3 **Number of Water Loads -** 40-50

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads adjacent to project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Only pile on site not inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	Yes	Monitored	Wetted
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fence

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes		All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature _____ **Date** 6/17/11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

NONE

Signature: _____

Date: June 18, 2011 **Hours of Operation: 6 am 1 pm**

Form Completed by (AQCMM or Delegate):

Site Conditions (e.g., calm, windy) During the Day:

Calm, low wind

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Grading, Trenching, Backfilling

Approximate Acreage of ground disturbed today:

2

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____ **Fork Lift -** _____

Grader - 1 **Other -** Trencher

Loader - _____ **Other -** _____

Water Trucks - 2 **Number of Water Loads -** 25

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads adjacent to project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	Yes	Monitored	Watered Down
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature _____ **Date** 6/18/11

Circle Title (AQCMM) **(AQCMM Delegate)**

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

NONE

Signature: _____

Date: **June 20, 2011** **Hours of Operation:** **6** **am** **3** **pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day:

Calm , low winds

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Grading, laying down gravel, excavating, trenching, driving post holes,

Approximate Acreage of ground disturbed today:

4-5

Quantity, Model #, Serial # of Equipment Operating:

Scraper - 1 **Fork Lift -** 1

Grader - 1 **Other -** Ditch Witch

Loader - 1 **Other -** Dozer

Water Trucks - 3 **Number of Water Loads -** 40

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads adjacent to project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	Yes	Monitored	Watered Down
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature _____ **Date** 6/20/11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

Signature: _____

Date: **June 21, 2011** **Hours of Operation:** **__6__ am __3__ pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day:

Low winds, high heat all day

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Auger fence posts, Pouring concrete for culvert and fence posts, Trenching for Silt Fence, Driving & Setting Fence Posts, unloading and lifting concrete foundation, unloading well pipes

Approximate Acreage of ground disturbed today:

3

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____ **Fork Lift -** _____1_____

Grader - _____ **Other -** _____crane, cement trucks_____

Loader - _____1_____ **Other -** _____trencher, auger_____

Water Trucks - _____2_____ **Number of Water Loads -** _____25_____

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads adjacent to project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	Yes	Monitored	Watered Down
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project. **Signature**_____ **Date**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

NONE

Signature: [signature]

P

Date: **June 22, 2011** **Hours of Operation:** **6 am 4 pm**

Form Completed by (AQCMM or Delegate):

Site Conditions (e.g., calm, windy) During the Day:

Low winds, high heat

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Trenching, pouring cement, raising fence posts, grubbing new road

Approximate Acreage of ground disturbed today:

2

Quantity, Model #, Serial # of Equipment Operating:

Scraper - 1 **Fork Lift -**

Grader - **Other -** Trencher

Excavator - 1 **Other -** Concrete Truck

Water Trucks - 2 **Number of Water Loads -** 20

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads adjacent to project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	Yes	Monitored	Watered Down
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature_____ **Date**_____

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

NONE

Signature: _____

Date: **June 23, 2011** **Hours of Operation:** **__6____am ____3____pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day:

High heat, low wind, slightly breezy

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Setting up PW1, stringing chain link fence, pouring concrete

Approximate Acreage of ground disturbed today:

0 – no ground disturbed

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____ **Fork Lift -** _____

Grader - _____ **Other -** ____**Crane**_____

Loader - _____ **Other -** _____**2 Concrete trucks**_____

Water Trucks - ____**1**_____ **Number of Water Loads -**_____**12**_____

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads within project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	N/A		No bulk transported
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature_____ **Date**_____

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

NONE

Signature: _____

Date: **June 24, 2011** **Hours of Operation:** **6 am 4 pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day:

High heat, medium wind

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Re-trenching for critter perimeter fence, excavating wing walls, pouring concrete

Approximate Acreage of ground disturbed today:

3

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____ **Trencher -** 1

Grader - _____ **Other -** Exavator

Loader - _____ **Other -** 2 Concrete trucks

Water Trucks - 1 **Number of Water Loads -** 20

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads within project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	N/A		No bulk transported
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature_____ **Date**_____

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

Signature: _____

Date: **June 25, 2011** **Hours of Operation:** __6____ **am** ____2____ **pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day:

Warm, moderate wind

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Setting wall forms for 3 & 4 along Melissa Ln, stripping forms from finished wingwalls

Approximate Acreage of ground disturbed today:

0 – no ground disturbed today

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____ **Trencher -** _____

Grader - _____ **Other -** ____**Exavator**_____

Loader - _____ **Other -** _____ _____

Water Trucks - ____1_____ **Number of Water Loads -**_____20_____

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads within project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	N/A		No paved roads adjacent to project site
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	N/A		No bulk transported
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature Carlton **Date** 6/25

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

Signature: _____

Date: **June 27, 2011** **Hours of Operation:** __6____ **am** ____3____ **pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day:

Warm, low wind

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Forming wing walls, trenching for laydown area, backfilling some previous excavation

Approximate Acreage of ground disturbed today:

1

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____ **Trencher -** _____1_____

Grader - _____ **Other -** ____Cat 329 _____

Loader - _____ **Other -** _____ _____

Water Trucks - _____1_____ **Number of Water Loads -**_____50+_____

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads within project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	Yes	Monitored	
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	N/A		No bulk transported
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	More road signs en route, but main signs in place
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature _____ **Date** 6/27

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

Signature: _____

Date: **June 28, 2011** **Hours of Operation:** **6 am 4 pm**

Form Completed by (AQCMM or Delegate): Delegate

Site Conditions (e.g., calm, windy) During the Day:

Warm, low wind

Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.)

Trench laydown area and site fence, backfilling line B, rigging siltfence, forming walls 3 & 4, installing well pump, gluing roads and fire pump mound

Approximate Acreage of ground disturbed today:

1

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____ **Trencher -** 1

Grader - _____ **Other -** Cat 329

Loader - _____ **Other -** Fork Lift, Road Scraper

Water Trucks - 2 **Number of Water Loads -** 75+

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads within project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	Yes	Monitored	
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	N/A		No bulk transported
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used to stop dust spreading/blowing

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	More road signs en route, but main signs in place with call number
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature Carter B Carlton **Date** 6/28

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

Signature: _____

Date: **June 29, 2011**	**Hours of Operation:** **__6____am ____4____pm**
Form Completed by (AQCMM or Delegate): Delegate	
Site Conditions (e.g., calm, windy) During the Day: Warm, high wind	
Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.) Assembling critter fence, forming wing walls and Line C culvert, trenching, installing fence posts	
Approximate Acreage of ground disturbed today: 1-2	

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____ **Trencher -** _____**1**_____

Grader - _____ **Other -** ____**Cat 329** _____

Loader - _____ **Other -** _____**Fork Lift, Road Scraper**_____

Water Trucks - _____**2**_____ **Number of Water Loads -**_____**75+**_____

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads within project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	Yes	Monitored	
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	N/A		No bulk transported
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used to stop dust spreading/blowing

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	More road signs en route, but main signs in place with call number
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature CARTER B CARLTON **Date** 6/30/11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

NONE

Signature: _____

Date: **June 30, 2011**	**Hours of Operation:** **__6____am ____4____pm**
Form Completed by (AQCMM or Delegate): Delegate	
Site Conditions (e.g., calm, windy) During the Day: Warm, low wind	
Current Construction Activities (e.g., Grading, Pile-Driving, linear installation, etc.) Trenching, assembling critter fence, excavating Line C culvert for headwalls, pouring wing walls	
Approximate Acreage of ground disturbed today: 1-2	

Quantity, Model #, Serial # of Equipment Operating:

Scraper - _____Can 140H_____ Trencher - _____

Grader - _____ Other - ____Cat 329 _____

Loader - _____ Other - _____Fork Lift_____

Water Trucks - _____2_____ Number of Water Loads -_____75+_____

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives.	Yes	Monitored	
No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads.	Yes	Monitored	
The construction site entrances shall be posted with visible speed-limit signs.	Yes	Monitored	
All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways.	N/A		No paved roads adjacent to project site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	N/A		No paved roads adjacent to project site

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Monitored	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways.	N/A		No paved roads adjacent to project site
All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	N/A		No paved roads within project site
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Trackout extending more than 25 feet (cumulative) from any site access point will be removed.	Yes	Monitored	
All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	N/A		Nothing on site inactive for >10 days
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least 2 feet of freeboard.	N/A		No bulk transported
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Monitored	Water, silt fencing used to stop dust spreading/blowing

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week.	Yes	Monitored	
A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action.	Yes	Monitored	
All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination.	Yes	Monitored	No dust plume violations
If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination.	N/A		
Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time.	N/A		

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Monitored	All applicable vehicles have tags
All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NO_X) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Monitored	Applicable vehicles have been checked
The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated.	N/A		
All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications.	Yes	Contact with maintenance engineer	
All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement.	Yes	Monitored	

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

Signature CARTER B CARLTON **Date** 6/30/11

Circle Title (AQCMM) (AQCMM Delegate)

Field Notes

Project Name: Sentinel Energy Center

Date: _____

Name: _____

Signature: _____

CPV Sentinel Energy Project Site
Long Term Equipment
June 2011

Sentinel Energy Project
Long Term Equipment
June 2011

ANA Water Trucks

Sub ID	Brand	Type	CARB/DMV Tag	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
Rental	Mack	Water Truck	550477 (CA plate)	R		On-Road	0162	7-Jun-11	
Rental	Freightliner	Water Truck	8M46367 (CA plate	R		On-Road	0161	9-Jun-11	

Brassy Water Trucks

Sub ID	Brand	Type	CARB/DMV Tag	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
Rental	Freightliner	Water Truck	478674 (CA plate)	R		On-Road	0018	9-Jun-11	

Sukut Equipment

Sub ID	Brand	Type	CARB/DMV Tag	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
430-01	CAT	Backhoe	DH7W39	F	430	Tier 2	0019	1-Jun-11	
90-33	CAT	Dozer	HV5D73	F	D9T	Tier 3	0002	8-Jun-11	
Rental	CAT	Excavator	AW4499	F	329D6	Tier 2	0033	7-Jun-11	
24-18	CAT	Rubber Tire Dozer	AG6C65	F	A24	Tier 3	0003	7-Jun-11	
51-45	CAT	Water Pull	YC4X44	F	651E	Tier 3	0001	10-Jun-11	
T1055-101	CAT	Forklift	KY3W36	F	TL1055	Tier 2	0034	7-Jun-11	
Rental	CAT	Motor Grader	BU3S35	F	140H	Tier 3	0083	16-Jun-11	
10-40	CAT	Dozer	BJ6R55	F	D10N	Tier 3	0147	17-Jun-11	
51-52	CAT	Scraper	DD8V84	F	651B	Tier 3	0146	16-Jun-11	
51-75	CAT	Scraper	WY4U67	F	651B	Tier 3	0113	17-Jun-11	
51-69	CAT	Scraper	NK6U99	F	651B	Tier 3	0129	16-Jun-11	
51-79	CAT	Scraper	FC9W49	F	651B	Tier 3	0130	20-Jun-11	
51-62	CAT	Scraper	UB6X73	F	651B	Tier 3	0131	17-Jun-11	
24-Oct	CAT	Dozer	KC3R76	F	D10N	Tier 3	0114	20-Jun-11	

Rental Equipment Fueling

Hours reported for: 06/01/2011 to 06/30/2011

161058 Sentinel Energy Site

Vendor	Equipment Description	Date	Mechanic	Fuel Daily Total (AM/PM)
Johnson Machinery	TL642	06/08/2011	Steve Prichard	10.0
Heavey Eq. Rentals	290	06/08/2011	Steve Prichard	65.0
Unknown	210LE	06/09/2011	Steve Prichard	10.0
Johnson Machinery	TL642	06/10/2011	Steve Prichard	8.0
Unknown	Whisperwatt 25	06/14/2011	Steve Prichard	44.0
Johnson Machinery	TL1055	06/15/2011	Steve Prichard	16.0
Quinn	329D	06/15/2011	Steve Prichard	110.0
Western Equipment Rental	190B	06/16/2011	Steve Prichard	25.0
Quinn	329D	06/16/2011	Steve Prichard	68.0
Western Equipment Rental	190B	06/17/2011	Steve Prichard	20.0
Miller Blades	140H	06/17/2011	Steve Prichard	34.0
Johnson Machinery	329D	06/17/2011	Steve Prichard	55.0
Quinn	TL1055	06/17/2011	Steve Prichard	15.0
			Job Site Total:	480.00
			Grand Total:	480.00

Sukut Equipment Fueling

Hours reported for: 06/01/2011 to 06/30/2011

161058 Sentinel Energy Site

Equipment	Date	Mechanic	Fuel Daily Total (AM/PM)
24.18	06/08/2011	Steve Prichard	10.0
430.01	06/08/2011	Steve Prichard	10.0
24.18	06/09/2011	Steve Prichard	25.0
430.01	06/09/2011	Steve Prichard	7.0
24.18	06/10/2011	Steve Prichard	73.0
51.45	06/10/2011	Steve Prichard	18.0
90.33	06/10/2011	Steve Prichard	130.0
430.01	06/10/2011	Steve Prichard	7.0
24.18	06/11/2011	Steve Prichard	33.0
90.33	06/11/2011	Steve Prichard	65.0
24.18	06/14/2011	Steve Prichard	26.0
90.33	06/14/2011	Steve Prichard	55.0
24.18	06/15/2011	Steve Prichard	21.0
90.33	06/15/2011	Steve Prichard	103.0
430.01	06/15/2011	Steve Prichard	8.0
24.18	06/16/2011	Steve Prichard	25.0
90.33	06/16/2011	Steve Prichard	25.0
24.18	06/17/2011	Steve Prichard	10.0
90.33	06/17/2011	Steve Prichard	75.0
		Job Site Total:	726.00
		Grand Total:	726.00

URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

June 16, 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, Sukut Construction will use the following diesel-powered equipment:

1. Three track type dozers
2. Two 651 water Pulls
3. Five 651 scrapers
4. One back hoe
5. One rubber tired dozer

This equipment arrived at the CSEP site starting June 1, 2011 and is scheduled to be on-site off and on through September 2011. All off-road equipment exceeding 100 hp is outfitted with Tier 2 or better engines.

As for maintenance, Sukut Equipment certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since Sukut Equipment will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards

Donovan Tearnen

URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

July 13, 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, B+B Equipment will use the following diesel-powered equipment:

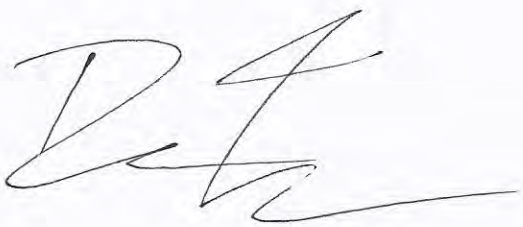
1. Freightliner Water Truck (CA license number 478674)

This equipment arrived at the CSEP site starting June 9, 2011 and is scheduled to be on-site off and on through September 2011. All off-road equipment exceeding 100 hp is outfitted with Tier 2 or better engines.

As for maintenance, B+B Equipment certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since B+B Equipment will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards



URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

July 13, 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, Bertha Water Trucks will use the following diesel-powered equipment:

1. Mack Water Truck (CA license number 550477)
2. Freightliner Water Truck (CA license number 8M46367)

This equipment arrived at the CSEP site starting June 9, 2011 and is scheduled to be on-site off and on through September 2011. All off-road equipment exceeding 100 hp is outfitted with Tier 2 or better engines.

As for maintenance, Bertha Water Trucks certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since Bertha Water Trucks will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards