

DOCKETED

Docket Number:	98-AFC-04C
Project Title:	Sunrise Cogeneration Power Project (Compliance)
TN #:	210691
Document Title:	2016 Sunrise Power Company, LLC Annual Compliance Report
Description:	2016 Annual Operating Compliance Report for the 2015 operating year for Sunrise Power Company
Filer:	Eric Veerkamp
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	3/11/2016 2:17:42 PM
Docketed Date:	3/11/2016



Sunrise Power Company, LLC

SU-3703

February 12, 2016

Mr. Eric Veerkamp
Compliance Project Manager
Sunrise Power Company (98-AFC-4C)
California Energy Commission
1516 Ninth Street (MS-2000)
Sacramento, CA 95814-5512

Re: CEC Annual Compliance Report - 2015

Dear Mr. Veerkamp:

Sunrise Power Company, LLC is hereby submitting the attached Annual Compliance Report in accordance with the Compliance and Closure Section of the Commission Decision. The Annual Compliance report pertains to operations in 2015. The following items are provided as attachments to the Annual Compliance Report. Items that are required by specific conditions are referenced with the condition number:

- Attachment A: Annual Operating Hours
- Attachment B: Scheduled and Unscheduled Maintenance Activities
- Attachment C: Biology Report (BIO-3)
- Attachment D: Hazardous materials in reportable quantities (HAZ-1)
- Attachment E: Groundwater use summary (SW-4)
- Attachment F: Wastewater discharge summary (SW-7)
- Attachment G: Transmission line inspection results & activities (TLSN-4)
- Attachment H: Compliance Matrix

If you have any questions, please feel free to contact David King at (661) 768-5006.

Sincerely,

A handwritten signature in black ink, appearing to read "David King", is written over a white background.

David S. King
Plant Manager
Sunrise Power Company, LLC



Sunrise Power Company, LLC

Attachments

- xc: Reagen O'Leary - CA Dept of Fish and Wildlife, Fresno (w/attachment via email)
Craig Bailey - CA Dept of Fish and Wildlife, Fresno (w/attachment via email)
Wildlife Biologist - Bureau of Land Management, Bakersfield Field Office (w/attachment)
Thomas Lehman - U. S. Fish and Wildlife Services, Sacramento (w/attachment via email)
- bxc: T. Bertolini – NRG Energy (w/ attachment via email)
G. Piantka – NRG Energy (w/ attachment via email)
P. E. Dumke (w/ attachment via email)
D. S. King (w/ attachment via email)

Sunrise Power Company 2015 Annual Compliance Report

1. CURRENT PROJECT OPERATING STATUS

Sunrise Power Company, LLC (“Sunrise”) operates a combined-cycle project that commenced commercial operation in June 2003. Sunrise sells its power into California’s merchant power market via the electric grid system managed by the California Independent System Operator (“CAISO”). The following table shows the plant’s total 2015 hours of operation. A summary schedule is found in Attachment A.

Unit Number	Hours of Operation
Unit 1	5,994.3
Unit 2	5,945.9

The maintenance activities for 2015 are listed in Attachment B.

The table found in Attachment B is a list of maintenance activities performed on the units during periods of Availability. All activities in excess of three hours have been explained to the extent that the units were still considered Available, unless otherwise noted.

Information contained in this report was obtained from the PowerGADS reporting system, which logs all generation related events. The events reported in PowerGADS are derived from information entered from control room logbooks.

2. REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT

Routine operations activities were conducted in 2015. No ground disturbance activities were conducted in 2015. In accordance with Condition BIO-3, record summaries from the Designated Biologist are provided in Attachment C.

In accordance with Condition HAZ-1, a list of hazardous materials contained at the facility in reportable quantities is provided in Attachment D.

In accordance with Condition SW-4, a groundwater use summary is provided in Attachment E.

In accordance with Condition SW-7, a wastewater discharge summary is provided in Attachment F.

Sunrise Power Company

2015 Annual Compliance Report

In accordance with TSE-2, there have not been any changes to the design, construction, and operation of the transmission facilities.

In accordance with Condition TLSN-2, all reports of line-related complaints shall be summarized and included in the Annual Report to the CPM. *Sunrise Power Company did not receive any transmission line-related complaints during 2015.*

In accordance with Condition TLSN-4, inspection results and any fire prevention activities carried out along the right-of-way are provided in Attachment G.

In accordance with Condition VIS-1, any maintenance activities to change the visual appearance of the structures will be reported in the Annual Compliance Report. *Sunrise Power has not performed any maintenance activities to alter the appearance of its structures during 2015.*

In accordance with Condition WASTE-3, Sunrise shall document in the Annual Compliance Report the actual waste management methods used during the year compared to planned management methods. *Waste management methods used at Sunrise during 2015 were consistent with the waste management plan during this period.*

3. POST-CERTIFICATION CHANGES APPROVED BY THE COMMISSION

The Final Commission Order (Docket 98-AFC-4C) was received on June 11, 2012, approving the amendments for modified startup and shutdown parameters.

4. SUBMITTAL DEADLINES MISSED DURING 2015 OPERATIONS

No submittal deadlines were missed during this period.

Sunrise Power Company

2015 Annual Compliance Report

5. FILINGS OR PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES DURING 2015

There were no new filings or additional permits issued to Sunrise during the 2015 reporting year. During 2015, Sunrise had on-going correspondence with the U.S. Environmental Protection Agency (EPA) regarding the renewal application for the Underground Injection Control (UIC) permit that was submitted to the EPA on December 23, 2013,

6. PROJECTION OF PROJECT COMPLIANCE ACTIVITIES SCHEDULED FOR 2016

Planned significant compliance activities for 2016 operations are as follows:

- Quarterly CEM Cylinder Gas Audits and Linearity checks.
- Annual Compliance Source Test and CEM Relative Accuracy Test Audit.
- Monthly fuel gas sampling and analysis.
- Quarterly Cooling Tower water sampling and analysis.
- Quarterly Injection Well wastewater sampling and analysis.
- Annual Injection Well testing.
- Pre-construction biological survey associated with T1 Communication Line replacement.

7. LISTING OF ADDITIONS TO THE ON-SITE COMPLIANCE FILE DURING 2015

The following additions were made to the on-site compliance file during this period:

- Request to change the Designated Biologist, submitted 11/3/2015.
- Petition to Replace T1 Communication Line, submitted 11/24/2015.
- Notification to Adjoining Property Owners, 12/3/2015.
- Submittal of Amendment Application Fee, 12/3/2015.
- Designated Biologist Site Assessment Report, conducted 12/30/2015.

Sunrise Power Company 2015 Annual Compliance Report

8. EVALUATION OF CONTINGENCY PLAN FOR UNEXPECTED FACILITY CLOSURE

The contingency plan for unexpected temporary & permanent closure was submitted on June 26, 2001. The contingency plan is accurate and current, therefore not requiring any further changes at this time.

9. SUNRISE POWER PROJECT COMPLIANCE MATRIX

Please see Sunrise Power Company Compliance Matrix in Attachment H.

Attachment A

Unit Operating Hours

Sunrise Power Unit #1 Monthly Operating Data - 2015

Calculated fields from monthly sheets. Do not edit this data.

TIMERS & COUNTERS

		Summary		
		Fired Hrs.	Gas Fuel	Fired Starts
Jan	GT1	732.7	732.7	3
Feb	GT1	0.3	0.3	0
Mar	GT1	0.0	0.0	0
Apr	GT1	0.0	0.0	0
May	GT1	129.1	129.1	4
Jun	GT1	720.0	720.0	0
Jul	GT1	744.0	744.0	0
Aug	GT1	744.0	744.0	0
Sep	GT1	720.0	720.0	0
Oct	GT1	744.0	744.0	0
Nov	GT1	716.2	716.2	2
Dec	GT1	744.0	744.0	0

NORMAL STARTS

Hot Start 0 - 1 Hrs Down	Hot Start 1 - 4 Hrs Down	Warm 1 Start 4 - 20 Hrs Down	Warm 2 Start 20 - 40 Hrs Down	Cold Start > 40 Hrs Down
1	0	2	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
2	0	0	1	1
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	2	0	0	0
0	0	0	0	0

TRIPS

Number of Trips	Trip Factor
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

FACTORED STARTS

Factored Starts
3
0
0
0
4
0
0
0
0
0
0
2
0

Start Factors
Annual Total
 2014 EOY Totals
Cumulative

5994.3	5994.3	9
77128.2	77128.2	1826
83122.5	83122.5	1835
Total Factored Hours	Total Factored Starts	
83122.5	2123.48	
2014 EOY Totals	77128.2	2114.48

2	0.5	0.9	1.4	2
3	2	2	1	1
57	264	1349	57	135
60	266	1351	58	136
Actual Fired Starts				
1835				
2014 EOY Totals	1826			

0	0
80	290
80	290
Actual Trips	Factored Starts due to Trips
80	288.48
80	288.48

9
2114.48
2123.48

Sunrise Power Unit #2 Monthly Operating Data - 2015

Calculated fields from monthly sheets. Do not edit this data.

TIMERS & COUNTERS

Summary

		Fired Hrs.	Gas Fuel	Fired Starts
Jan	GT2	731.0	731.0	2
Feb	GT2	0.2	0.2	0
Mar	GT2	0.0	0.0	0
Apr	GT2	0.0	0.0	0
May	GT2	121.8	121.8	2
Jun	GT2	720.0	720.0	0
Jul	GT2	744.0	744.0	0
Aug	GT2	720.2	720.2	2
Sep	GT2	720.0	720.0	0
Oct	GT2	732.2	732.2	3
Nov	GT2	714.3	714.3	0
Dec	GT2	742.2	742.2	1

NORMAL STARTS

Hot Start 0 - 1 Hrs Down	Hot Start 1 - 4 Hrs Down	Warm 1 Start 4 - 20 Hrs Down	Warm 2 Start 20 - 40 Hrs Down	Cold Start > 40 Hrs Down
0	0	2	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	1	0	0	1
0	0	0	0	0
0	0	0	0	0
1	0	0	1	0
0	0	0	0	0
0	2	1	0	0
0	0	0	0	0
0	1	0	0	0

TRIPS

Number of Trips	Trip Factor
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

FACTORED STARTS

Factored Starts
2
0
0
0
2
0
0
2
0
3
0
1

	2	0.5	0.9	1.4	2			
start factor								
Annual Total	5945.9	5945.9	10	1	4	3	1	1
2014 EOY Totals	74154	74154	1949	48	156	1555	60	130
Cumulative	80099.9	80099.9	1959	49	160	1558	61	131
	0	0	10	0	0	0	0	10
	72	247.0	2196	72	247	2206		

Total Factored Hours	77476.4	Total Factored Starts	2060	Actual Fired Starts	1822	Rotor Maintenance Factor	1786.9	Actual Trips	70	Factored Starts due to Trips	238.43
2014 EOY Totals	71530.5	2050	1812	1776.8	70	238.43					

Attachment B

Scheduled & Unscheduled Maintenance Activities

2015 Maintenance vs. Availability

Date	Description
01/16/15	Unit #1 fast load ramp down caused combustion system to drop out of Mode 6. Unit manually taken off line to prevent an emission exceedance.
02/01/15	Begin planned outage for all three units. (supposed to last three weeks, but due to findings in the steam turbine generator field, the outage wasn't completed until May 27)
06/06/15	Steam turbine derate - position transmitter on main steam valve failed - replaced with new device
08/13/15	Unit #2 lost excitation
10/04/15	Unit #2 taken off line to replace inlet air filters
12/12/15	Steam Turbine derate - low gas pipeline pressure forced us to back down on our duct burner firing until the pressure returned to normal.
12/25/15	Unit #2 taken off line because the unit dropped out of Mode 6. Permit does not allow anything but Mode 6 operation unless starting or stopping the unit.

Attachment C

BIO-3 Biological Summary

Sunrise Power Project Operation Annual Compliance Report, Biological Resources

A request to assign a new Designated Biologist was submitted and approved.

Routine operation activities were conducted in 2015. No ground disturbance activities or disturbances in any designated sensitive areas occurred in 2015. No operation activities were conducted that were monitored by the Designated Biologist.

In conjunction with the proposed replacement of the T1 Communication Line, a preliminary survey of the proposed right-of-way and associated buffer area was completed on December 1, 2015. During the survey, small mammal burrows were identified and marked with flags. A pre-construction survey will be completed no more than 14 days prior to the commencement of construction.

A site assessment of the plant site was completed on December 30, 2015. The site assessment included a review of the Sensitive Species Worker Awareness Education Program and the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). Sunrise Power Company was found to be in compliance with the BRMIMP and no other instances of non-compliance with the Biological Resources conditions were observed.

Sensitive Species Worker Awareness Education Program

Sensitive Species Worker Awareness training has been provided to operations personnel working at the plant site and along the electrical transmission line. Training has also been provided to contractors, subcontractors and company employees providing support to the plant. Records of training are maintained at Sunrise Power Company.

Attachment D

HAZ-1 Reportable Quantities of Hazardous Materials

REPORTABLE QUANTITIES OF HAZARDOUS MATERIALS

The table below provides the Reportable Quantity (RQ) of various hazardous materials mixtures, wastes, and extremely hazardous materials located at the Sunrise facility. The materials in this list contain CERCLA/SARA hazardous substances. Although the RQs are specified in pounds, the equivalent volume in gallons is indicated where appropriate.

In the event of a release or spill of any of these materials, the Plant Supervisor or Plant Manager must be contacted so that agency notifications can be made. Follow-up written reports will be handled by the EH&S Department. Please note that hazardous materials/waste may be reportable at thresholds below those specified in the table below *if they harm or have the potential to harm safety, human health, or the environment.*

SARA 313 CERCLA Hazardous Substances	Quantity on Site	RQ (Reportable Quantity) FOR EMERGENCY NOTIFICATION	Equivalent in GALLONS/CUBIC FEET FOR EMERGENCY NOTIFICATION
Nitric Oxide (NO)	9,250 Cubic Feet mixed compressed gas	10 Pounds (CERCLA RQ)	7,143 Cubic Feet
Anhydrous Ammonia	9,000 Gallons	100 Pounds (CERCLA RQ)	18 Gallons
Chemtreat CL-4895 (10% Sodium Hydroxide)	1,500 Gallons	1,000 Pounds (CERCLA RQ)	1,027 Gallons
Sulfuric Acid (98% Sulfuric Acid)	88,975 Pounds	1,000 Pounds (CERCLA RQ)	66 Gallons
Sulfuric Acid (40% Sulfuric Acid)	2,124 Gallons	1,000 Pounds (CERCLA RQ)	240 Gallons
Sodium Hypochlorite Solution (12.5% Sodium Hypochlorite)	7,680 Gallons	100 Pounds (CERCLA RQ)	80 Gallons
Transformer Oil	92,940 Gallons	42 Gallons on land or any quantity in navigable waterway (SPCC Plan)	42 Gallons on land or any quantity in navigable waterway
Diesel Fuel	250 Gallons	42 Gallons on land or any quantity in navigable waterway (SPCC Plan)	42 Gallons on land or any quantity in navigable waterway
Petroleum Products (e.g. - gear oil, used oil, lubricants)	18,112 gal.	42 Gallons on land or any quantity in navigable waterway (SPCC Plan)	42 Gallons on land or any quantity in navigable waterway

Attachment E

SW-4 Groundwater Use Summary



Board of Directors
Barry M. Jameson
President

David A. Wells
Vice President

Roger Miller
Gary J. Morris
Scott Niblett

Harry O. Starkey
General Manager

J.D. Bramlet
Director of Operations

Sanjay "Sunny" Kapoor
Director of Finance

February 11, 2016

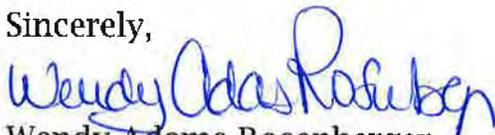
Mr. David King
Sunrise Power Company, LLC
12857 Sunrise Power Road
Fellows, CA 93224

RE: Sunrise CEC Condition SW-4 Annual Compliance Report

Dear Mr. King:

In accordance with Sunrise Power Company, LLC for CEC Condition of Certification SW-4, West Kern Water District hereby confirms that the Out-of-Basin Water Supply Plan contract has been in effect at all times during operation of the project since the contract execution on October 24, 2002. The contract continues to be in effect throughout February 11, 2016.

Sincerely,


Wendy Adams-Rosenberger
Regulatory Administrator

SUNRISE POWER COMPANY
2015 Groundwater Purchased from WKWD

Month	Total Volume		Average Flowrate (gpm)
	(gallons)	(acre-feet)	
January	65,618,893	201.45	1,470
February	902,280	2.77	22
March	-	0	-
April	-	0	-
May	21,117,264	64.83	473
June	94,498,371	290.11	2,187
July	100,110,749	307.34	2,243
August	87,026,059	267.17	1,950
September	92,570,033	284.19	2,143
October	90,843,648	278.89	2,035
November	64,071,661	196.7	1,483
December	71,006,515	217.99	1,591
2015 Monthly Minimum	-	-	-
2015 Monthly Maximum	100,110,749	307	2,243
2015 Monthly Average	57,313,789	176	1,300
2015 Total	687,765,472	2,111	15,597
Historical Yearly Minimum	408,810,000	1,226	
Historical Yearly Maximum	1,008,133,333	3,024	
Historical Yearly Average	774,110,212	2,338	

**SUNRISE POWER CO.
Banked Water Balance 2015
West Kern Water District**

<u>Month</u>	<u>Water Available For Recharge Acre Ft.</u>	<u>Evaporation Losses @ 6% Acre Ft.</u>	<u>Recharge Water Available For Pumping Acre Ft.</u>	<u>Water Pumped Acre Ft.</u>	<u>Net Banked Water Balance Acre Ft.</u>
End of 2014					6,886
January				201.45	6,685
February				2.77	6,682
March				0.00	6,682
April				0.00	6,682
May				64.83	6,617
June				290.11	6,327
July				307.34	6,020
August				267.17	5,752
September				284.19	5,468
October				278.89	5,189
November				196.70	4,993
December	3,400.00	204.00	3,196.00	217.99	7,971
				2,111.44	

WKWD transfer of 3,400 AF from Sunrise banked water account

Attachment F

SW-7

Wastewater Discharge Summary

SUNRISE POWER COMPANY
2015 Wastewater Injection Volumes

Month	Well A-72T	Well B-122	Well WW3	Well WW4	Total Volume		Average Flowrate	
	(gal)	(gal)	(gal)	(gal)	(gal)	(acre-ft)	(gpm)	(acre-ft/yr)
Jan	-	-	6,530,896	4,594,136	11,125,032	34.1	249	402
Feb	-	-	3,371,672	82,896	3,454,568	10.6	86	138
Mar	-	-	3,742,400	10,088	3,752,488	11.5	84	136
Apr	-	-	3,573,320	0	3,573,320	11.0	83	133
May	-	-	4,246,376	605,880	4,852,256	14.9	109	175
Jun	-	-	6,265,760	3,446,768	9,712,528	29.8	225	363
Jul	-	-	5,230,864	2,054,280	7,285,144	22.4	163	263
Aug	-	-	4,886,896	1,485,448	6,372,344	19.6	143	230
Sep	-	-	4,233,224	3,775,248	8,008,472	24.6	185	299
Oct	-	-	598,208	4,638,592	5,236,800	16.1	117	189
Nov	-	-	492,264	3,514,736	4,007,000	12.3	93	150
Dec	-	-	738,808	3,017,312	3,756,120	11.5	84	136
Year Average					5,928,006	18.2	135	218
Year Total					71,136,072	218.3		
Historical Yearly Minimum					55,343,426	169.8		
Historical Yearly Maximum					177,962,512	546.2		
Historical Yearly Average					101,075,552	310.2		

Attachment G

TLSN-4 Inspection Results & Fire Prevention Activities

**Silver State Engineering
And Testing, Inc.**

2054 Buckeye Reef St
Henderson, NV 89015
e-mail: sset633@earthlink.net

Phone (702) 568-1930
Fax (702) 568-1930

230 kV Line Inspection

Sunrise Power Plant Fellows, CA

Summary

This report describes the electrical condition of the 2- 230 kV power lines that originate at the Sunrise generating plant and terminate at La Paloma's 230 kV switchyard.

The line patrol inspects and notes the following:

- 1) Condition of tower, foundation and ground straps
- 2) Condition of conductors and hardware including spacers, insulators and splices
- 3) Vegetation and other threats

The line patrol was performed on the 12th of December from 0830-1400 hours. The inspection was performed from the ground using binoculars.

Item 1: Condition of Towers, Foundations and Ground Straps

The condition of the towers, foundations and miscellaneous hardware is unchanged from the previous inspection. The towers are free from contamination. The foundations appear to have no structural anomalies.

Condition of Conductors and Associated Hardware

No anomalies were observed pertaining to the conductors, insulators, spacers and other associated hardware including splices.

Vegetation and Other Threats

No vegetation is encroaching on the power line's right of way. All structures are clear of bird nests and other contaminants.

Conclusions

The power lines appear to be in good condition with no loose or failing hardware. There are no action items at this time.

The FERC form that shows the date of the patrol and conditions noted has been included with this summary.

FERC Vegetation Management Practices Reporting Template: 12 a).

Subject	765 kV	500 kV	345 kV	230 kV	Tie-line Interconnection facilities of other voltages
Range of ROW Width Maintained	N/A	150-250 feet Widths vary depending on site-related factors, such as right-of-way agreements with property owners, Department of Transportation restrictions, USDA Forest Service Special Use Permit requirements, multiple lines in a corridor, construction (single pole or steel tower, for example) and other reasons.	125-200 feet Widths vary depending on site-related factors, such as right-of-way agreements with property owners, Department of Transportation restrictions, USDA Forest Service Special Use Permit requirements, multiple lines in a corridor, construction (single pole or steel tower, for example) and other reasons.	75-150 feet Widths vary depending on site-related factors, such as right-of-way agreements with property owners, Department of Transportation restrictions, USDA Forest Service Special Use Permit requirements, multiple lines in a corridor, construction (single pole or "H" structure, for example) and other reasons.	50-125 feet Widths vary depending on site-related factors, such as right-of-way agreements with property owners, Department of Transportation restrictions, USDA Forest Service Special Use Permit requirements, voltage, multiple lines in a corridor, construction (single pole or "H" structure, for example) and other reasons.
Minimum Clearance Assumptions	N/A	Side: 15 feet Under: 15 feet	Side: 15 feet Under: 15 feet	Side: 15 feet Under: 15 feet	Side: 15 feet Under: 15 feet
Standards Utilized for Clearances	N/A	1) NESC Rule 218 ⁴ 2) NPC Internal Standards.	1) NESC Rule 218 ⁴ 2) NPC Internal Standards.	1) NESC Rule 218 ⁴ 2) NPC Internal Standards.	1) NESC Rule 218 ⁴ 2) NPC Internal Standards.
Ground inspection	N/A	Twice annually	Twice annually	Annual or Twice annually	Annual
Aerial Inspection	N/A	Annual	Every 5 yrs	Annual on Certain Circuits	N/A

Vegetation Management Program Template 12 a) Descriptors.

Described below are instructions explaining the type of vegetation management program information to provide under column headings. Sample entries are listed in brackets. Do not leave any cell blank. If you have no response in a particular cell, enter "none."

Column Descriptions

Right-of-Way (ROW) Width Maintained – List the normal ROW width or range of ROW widths maintained (not necessarily the legal ROW width) for each voltage level (e.g. 150-180'). If you enter a range, explain it.

Minimum Clearance Assumptions – List the minimum clearances maintained between conductor and vegetation (e.g. 30', 35', 20-25' etc.).

Standards Utilized for Clearances – List NESC, ANSI, State Regulatory, company specific standards or other vegetation standards applicable for maintaining the transmission system. (e.g. ANSI 300, NESC Rule 218, etc.). Provide citations for publically available documents. If specific standards are not publicly available, elaborate. For internal corporate standards, attach full procedures.

Ground Inspection – Indicate use and frequency of non-aerial transmission corridor inspections. (e.g. Annual, 2 × Annual, 20% of line miles annually, none, etc.).

Aerial Inspection – Indicate use and frequency of aerial inspections performed on transmission system (e.g. Annual, 2 × Annual, none, 20% of line miles annually, none, ext.).

Vegetation Management Strategy - Indicate primary strategy used for transmission maintenance for comprehensive maintenance on ROW (e.g. All vegetation removed where easements authorize, low-growing [compatible] vegetation allowed on ROW, non-compatible vegetation cleared, mowed, side pruned, herbicide applied etc.). Indicate which standard is the basis for each practice.

Alternative Vegetative Management Strategy – Indicate strategy used where preferred vegetation management methods can not be implemented due to restrictive easements, political, legal, environmental restrictions, or other impediments. (e.g. side pruning, pruning trees under transmission line, etc.)

FERC Vegetation Management Practices Reporting Template: 12 b), c) d).

Voltage	State(s)	Facility	Inspection Frequency		Last Inspection		Inspection Findings		Corrective Action		Finished by 6/14? (12 d.)
			Ground	Aerial	Date	Type	Summer Readiness	Action Taken	Date Completed		
230	CA	Sunrise-La Paloma #1	1x Yr	n/a	12/12/2015	GROUND	No issues	NA			
230	CA	Sunrise-La Paloma #2	1x Yr	n/a	12/12/2015	GROUND	No issues	NA			

FERC Vegetation Management Practices Reporting Template: 12 b), c) and d) Descriptors.

- 1). To satisfy FERC Order 12 b), c) and d), list all designated transmission facilities on which the reporting transmission provider is responsible for maintaining vegetation.
- 2). Column A: VOLTAGE. Specify Line Voltage.
- 3). Column B: STATES(S). Indicate the state or states through which the facility line runs.
- 4). Column C: FACILITY. Indicate specific facility identifier (Alvey-Dixonville, for example).
- 5). Column D and E: INSPECTION FREQUENCY. Indicate if or how often facilities are inspected by ground or air for vegetation management purposes. If no inspections were conducted, fill in N/A.
- 6). Column F and G: LAST INSPECTION. Provide the date of last patrol in column F, and identify patrol type (e.g. aerial or ground) in G. If no inspections were conducted, fill in N/A.
- 7). Column H. INSPECTION FINDINGS. Provide a summary of conditions that require remediation to ensure vegetation clearance (e.g. "12 off right-of-way danger trees", or "35 acres of brush and trees to be cleared"). If the transmission provider uses a database populated with more specific information (GPS or span by span locations, for example), the provider may load those data points into this section. Subject conditions are those, which in the opinion of the transmission provider, must be cleared to ensure vegetation clearance. If none were found, indicate "none."
- 8). Column I, J and K: CORRECTIVE ACTION. Describe action taken in Column I, and enter the date of corrective action in Column H. If corrective action has not been completed, enter "N/A.." Indicate whether or not actionable items were completed by June 14, 2004 ("yes" or "no") to satisfy 12 d).

Attachment H

Compliance Matrix

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
AQ-1	ongoing	No air contaminant shall be released into the atmosphere which causes a public nuisance. The project owner shall make the site available for inspection by representatives of the District, California Air Resources Board (CARB) and the Commission.	Site available for inspection.	Ongoing	N/A	
AQ-2	Approved	The project owner shall provide copies of the design drawings of the catalyst system chosen and the continuous emission monitor design detail to the CPM and the District at least 30 days prior to commencement of construction.	At least 30 days prior to start of construction.	11/29/2001	12/10/2001	
AQ-5	ongoing	Combustion turbine generator (CTG) and electric generator lube oil vents shall be equipped with mist eliminators. Visible emissions from lube oil vents shall not exceed 5% opacity, except for three minutes in any hour. The project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection	Ongoing	N/A	
AQ-6	ongoing	The CTG shall be equipped with continuously recording fuel gas flowmeter. The information above shall be included in the quarterly reports of Condition AQ-31.	With quarterly reports.	Ongoing	Ongoing	Addressed by AQ-31.
AQ-7	ongoing	CTG exhaust after the SCR unit shall be equipped with continuously recording emissions monitor(s) dedicated to this unit for NOx, CO, and O2. Continuous emissions monitor(s) shall meet the requirements of 40 CFR part 60, Appendices B and F, and 40 CFR part 75, and District-approved protocol and shall be capable of monitoring emissions during normal operating conditions and during startups and shutdowns, provided the CEM(s) pass the relative accuracy requirement specified in condition AQ-23. If relative accuracy of CEM(s) cannot be demonstrated during startup conditions, CEM results during startup and shutdown events shall be replaced with startup emission rates obtained from source testing to determine compliance with emission limits in conditions AQ-14, -15, -16, and -17. The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission.	Site available for inspection	Ongoing	Later	
AQ-8	ongoing	Exhaust stack shall be equipped with permanent provisions to allow collection of stack gas samples consistent with EPA test methods. The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission.	Site available for inspections	Ongoing	N/A	
AQ-9	ongoing	CTG shall be fired exclusively on natural gas, consisting primarily of methane and ethane, with a sulfur content no greater than 0.75 grains of sulfur compounds (as S) per 100 dry standard cubic feet of natural gas. Please refer to Condition AQ-30.	In quarterly reports.	Ongoing	N/A	Addressed by AQ-30.
AQ-10	ongoing	Startup is defined as the period beginning with turbine initial firing. Shutdown is defined as the period beginning with initiation of turbine shutdown sequence and ending with cessation of firing of the gas turbine engine. Startup and shutdown duration shall not exceed each 60 minutes for a hot start up, 128 minutes for a warm startup, and 230 minutes for a cold startup, and one hour for a shutdown, per occurrence. The project owner shall provide records of the emissions and operations as part of the quarterly reports of Condition AQ-31	In quarterly reports.	N/A	N/A	Addressed by AQ-31.
AQ-14	ongoing	The project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	Addressed by AQ-31.
AQ-15	ongoing	The project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	Addressed by AQ-31.
AQ-16	ongoing	The project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	Addressed by AQ-31.
AQ-17	ongoing	The project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	Addressed by AQ-31.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
AQ-18	Approved	Phase I - The project owner shall provide copies of all the necessary ERC certificates to the CPM.	No later than 30 days before start of construction.	11/01/2000	12/04/2000	ERC certificates surrendered to the District 12-26-00.
	Approved	Phase II - The project owner shall provide copies of all necessary ERC certificates to the CPM no later than 30 days prior to the commencement of construction.	No later than 30 days before start of construction.	12/14/2001	12/21/2001	ERC certificates surrendered to the District 12/14/01. Received letter from District on 4/3/03 stating that offset submission has satisfied requirements. Forwarded to CEC, approved on 5/22/03.
AQ-19	Approved	The Project owner shall provide copies of all the necessary ERC certificates to the CPM no later than 30 days prior to the commencement of construction.		12/06/2001	12/10/2001	Agreements to secure ERCs submitted 12/6/01, approved 12/10/01. ERC withdrawal filing fees letter submitted 4/2/03, approved 5/22/03.
AQ-20	ongoing	Source testing to demonstrate compliance with the NOx, CO, and VOC short-term emission limits (lbs/hr and ppmv @ 15% O2) shall be conducted within 60 days of initial operation of CTG and annually thereafter by District witnessed sampling of exhaust gas by qualified independent source testers. Please refer to the information requirements of Condition AQ-25.	Submittals covered under AQ-25.	-----	N/A	Refer to AQ-25. Source testing was performed in June 2015.
AQ-22	ongoing	Source testing to demonstrate compliance with PM10 short-term emission limit (lbs/hr) shall be conducted within 60 days of initial operation, and annually thereafter by District witnessed sampling of exhaust gas by qualified independent source testers. If CTG is operated during the winter (December, January, or February) then additional testing shall be conducted within 30 days of such operation. Please refer to the information requirements of Condition AQ-25.	Submittals covered under AQ-25.	-----	N/A	Refer to AQ-25. Source testing was performed in June 2015.
AQ-23	ongoing	Source testing of startup NOx, CO, VOC, and PM10 mass emission rates shall be conducted for one of the gas turbine engines (S-3746-1-0 or '-2-0) upon initial operation and at least once every seven years thereafter by District witnessed in-situ sampling of exhaust gases by a qualified independent source test firm. CEM relative accuracy shall be determined during startup source testing in accordance with district-approved protocol. Please refer to the information requirements of Condition AQ-25.	Submittals covered under AQ-25.	-----	N/A	Refer to AQ-25. Startup source testing performed in March 2010.
AQ-24	ongoing	Compliance with natural gas sulfur content limit shall be demonstrated within 60 days of operation of each gas turbine engine and periodically as required by 40 CFR 60 Subpart GG and 40 CFR 75. Please refer to the information requirements of Condition AQ-30.	In quarterly reports.	08/15/2001	N/A	Addressed by AQ-30.
AQ-25	ongoing	The project owner shall notify the CPM and the District 30 days prior to any compliance source test.	30 days prior to any source test.	-----	-----	Notices have been submitted on time.
	ongoing	The Project owner shall provide a source test plan to the CPM and District for the CPM and District approval 15 days prior to testing.	15 days prior to testing.	-----	-----	Notices have been submitted on time.
	ongoing	The results and field data collected by the source tests shall be submitted to the CPM and the District within 60 days of testing.	Within 60 days of testing.	-----	-----	Notices have been submitted on time.
AQ-26	ongoing	The source test plans for the initial and seven-year source test shall include a method for measuring the CO/VOC surrogate relationship that will be used to demonstrate compliance with VOC lbs/hr, lbs/day, and lbs/twelve month rolling average emission limits. The Project owner shall provide a source test plan to the CPM and District for CPM and District approval 15 days prior to testing. Initial source testing shall occur no later than 90 days following the first day of combined cycle operation.	15 days prior to testing.	-----	-----	To be incorporated into emissions test plan under AQ-25. See AQ-25 for submittal dates.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
AQ-27	ongoing	The following test methods shall be used: PM10:EPA method 5 (front half and back half), NOx:EPA method 7E or 20 CO:EPA method 10 or 10B O2:EPA method 3, 3A, or 20 VOC:EPA method 18 or 25 Fuel gas sulfur content:ASTM D3246. EPA approved alternative test methods are approved by the District may also be used to address the source testing requirements of this permit. As part of the test plan to be submitted under Condition AQ-25, the project owner shall	15 days prior to testing.	-----	-----	To be addressed by AQ-25.
AQ-28	Approved	The project owner shall notify the CPM and the District of the date of initiation of construction no later than 30 days after such date. The project owner shall notify the CPM and the District of the date of anticipated startup not more than 60 days nor less than 30 days prior to such date, and the date of actual startup with 15 days after such date.	30 prior to construction, 30 days prior to startup - 15 days after actual	04/02/2003	05/29/2003	Made construction initiation notification on 1/22/02 (appvd 28/03) , anticipated startup notification on 2/11/03 (appvd 3/4/03), actual startup notification on 4/2/03 (appvd 5/29/03).
AQ-29	ongoing	The project owner shall maintain hourly records of NOx, CO, and ammonia emission concentrations (ppmv @ 15% O2), and hourly, daily, and annual records of NOx and CO emissions. Compliance with the hourly, daily, and annual VOC emission limits shall be demonstrated by the CO CEM data and the CO/VOC determined by annual CO and VOC source tests. The project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	
AQ-30	ongoing	The project owner shall maintain records of SOx lbs/hr, lbs/day, and lbs/twelve month rolling average emissions. SOx emissions shall be based on fuel use records, natural gas sulfur content, and mass balance calculations. The project owner shall provide records of the information described above as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	
AQ-31	ongoing	The project owner shall maintain the following records for each CTG: occurrence, duration, and type of any startup, shutdown, or malfunction; emission measurements; total daily and annual hours of operation; and hourly quantity of fuel used. The project owner shall compile required data and copies of the daily logs and submit the information to the CPM in quarterly reports submitted no later than 60 days after the end of each calendar quarter.	No later than 60 days after end of each calendar quarter.	Ongoing	N/A	
AQ-32	ongoing	The project owner shall maintain the following records for the continuous emissions monitoring system (CEMS): performance testing, evaluations, calibrations, checks, maintenance, adjustments, and any period of non-operation of any continuous emissions monitor. The project owner shall compile the required data in formats discussed above and submit the results to the CPM as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	Addressed by AQ-31.
AQ-33	ongoing	The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission.	Site available for inspection.	Ongoing	N/A	
AQ-34	ongoing	Results of continuous emissions monitoring shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. The project owner shall compile the required data in formats discussed above and submit the results to the CPM as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	-----	Addressed by AQ-31.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
AQ-35	ongoing	All records required to be maintained by this permit shall be maintained for a period of five years and shall be made readily available for District inspection upon request. The project owner shall comply with the notification requirements of the District and submit written copies of these notification reports to the CPM as part of the quarterly reports of Condition AQ-31.	Within one hour of breakdown and in quarterly reports.	Ongoing	N/A	
AQ-36	ongoing	The project owner shall comply with the notification requirements of the District and submit written copies of these notification reports to the CPM as part of the quarterly reports of Condition AQ-31.	Within 10 days after breakdown correction and in quarterly reports.	Ongoing	N/A	
AQ-38	ongoing	The project owner shall submit the continuous emission monitor audit results with the quarterly reports required of Condition AQ-40.	Quarterly.	Ongoing	N/A	
AQ-39	ongoing	The project owner shall submit the continuous emission monitor results with the quarterly reports of Condition AQ-40.	In quarterly reports.	Ongoing	N/A	
AQ-40	ongoing	The project owner shall compile the required data and submit the quarterly reports to the CPM and the APCO within 30 days of the end of the quarter.	Within 30 days of end of quarter.	Ongoing	N/A	
AQ-41	ongoing	The project owner shall submit to the CPM a valid and current Authority to Construct issued to them by the San Joaquin Valley Air Pollution Control District authorizing the Sunrise Power Project to begin construction on the Sunrise Power Project for conversion to combined cycle operations no later than January 1, 2003. The project owner shall submit to the CPM a valid and current Permit to Operate issued to them by the SJVAPCD authorizing the Sunrise Power Project to operate as a combined cycle plant no later than 30 days prior to the first expected date of operation as a combined cycle power plant.	01/01/2003	-----	-----	Revised DOC sent to CPM by SJVAPCD on 12/3/02.
AQ-42	Conditional	The project owner shall submit to the CPM for review and comment any application for ERCs within 30 days of submittal to the District.	Conditional	Conditional	-----	
AQ-43	n/a	{deleted}	Ongoing	-----	-----	
AQ-44	Approved	The Project owner shall provide the information identified in this condition no later than 30 prior to the commencement of construction of permanent structures on the project site.	Not later than 30 days before start at construction.	11/29/2001	12/10/2001	
AQ-45	ongoing	The Project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection.	Ongoing	N/A	
AQ-46	ongoing	The Project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection	Ongoing	N/A	
AQ-47	ongoing	The Project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection.	Ongoing	N/A	
AQ-48	ongoing	The Project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection.	Ongoing	N/A	
AQ-49	ongoing	The Project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	Addressed by AQ-31.
AQ-50	ongoing	The Project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Ongoing	N/A	Addressed by AQ-31.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
AQ-51	Conditional	If the project owner must submit a monitoring plan for District and CPM review at least 60 days prior to its use, if the owner chooses to utilize a continuous in-stack ammonia monitor. The Project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-31.	In quarterly reports.	Conditional	N/A	Addressed by AQ-31.
AQ-52	ongoing	The project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection.	Ongoing	N/A	
AQ-53	Approved	30 days prior to commencement of construction of the cooling towers, the project owner shall submit the information required above to the District and the CPM.	30 days prior to start of cooling tower construction.	07/02/2002	07/10/2002	Submitted 7/2/02, approved 7/10/02.
AQ-54	Approved	30 days prior to commencement of construction of the cooling towers, the project owner shall submit the information required above to the District and the CPM.	30 days prior to start of cooling tower construction.	07/02/2002	07/10/2002	
AQ-55	ongoing	The project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection.	Ongoing	N/A	
AQ-56	Approved	The project owner shall submit documentation from the selected cooling tower vendor that verifies the drift efficiency to the CPM 30 days prior to commencement of construction of the cooling towers.		07/02/2002	07/10/2002	
AQ-57	ongoing	Please refer to Condition AQ-58.	Site available for inspection.	Ongoing	N/A	
AQ-58	ongoing	The project owner shall compile the required daily PM10 emissions data and maintain the data for the period of five years. The project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection	Ongoing	N/A	
AQ-59	ongoing	The project owner shall compile the required daily PM10 emissions data and maintain the data for the period of five years. The project owner shall make the site available for inspection by representatives of the District, CARB, and the Commission.	Site available for inspection.	Ongoing	N/A	
AQ-60	ongoing	The project owner shall provide either the CD checks that resulted in the analyzer being declared out-of-control or a statement that no CD checks resulted in the analyzer being declared out-of-control as part of the quarterly reports of Condition AQ-31.		-----	-----	
AQ-61	ongoing	The project owner shall provide records of recorded emissions and operation as part of the quarterly reports of Condition AQ-31.		-----	-----	
AQ-62		The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission.		-----	-----	
AQ-63	ongoing	The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission.		-----	-----	
AQ-64	ongoing	The project owner shall provide the required information as part of the quarterly reports of Condition AQ-31.		-----	-----	
AQ-65	ongoing	The project owner shall provide the required information as part of the quarterly reports of Condition AQ-31.		-----	-----	
AQC-1	Approved	Sixty (60) days prior to the start of construction, the project owner shall provide the CPM with a copy of the Construction Fugitive Dust Mitigation Plan for approval.	60 days prior to start of construction	10/04/2001	10/09/2001	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
AQC-2	Submitted	The Project owner shall submit to the CPM, via the Monthly Compliance Report, documentation, which demonstrates that the contractor's/subcontractor's heavy earthmoving equipment is properly maintained and the engines are tuned to the manufacturer's specif	With the Monthly Compliance Report.	Monthly	N/A	MCR have not been required since construction was completed.
AQC-3	Approved	The Project owner will submit to the CPM for approval the qualifications of the CMM at least 15 days prior to the due date for the Diesel Construction Equipment Mitigation Plan.	15 days prior todue date of Diesel Construction Mitigation Plan.	11/05/2001	11/09/2001	Submitted 11/5/01. Submitted request for new CMM 10/1/03 and 10/5/04. Approved 12/7/04.
	Approved	The project owner will submit the Diesel Construction Equipment Mitigation Plan to the CPM for approval 30 calendar days prior to rough grading on the project site or start of construction on any associated linear facilities.	30 days prior to start of rough grading or linear facilities construction.	12/10/2001	12/14/2001	Initial report approved 12/21/01.
	Complete	The Project owner will submit the Report of Change and Mitigation Implementation to the CPM for approval no later than 10 working days following the use of the specific construction equipment on either the project site or the associated linear facilities.	15 days after use of equipment covered in plan.	03/19/2002	04/04/2002	First report submitted 3/19/02, approved 4/4/02. Submitted: reports 2, 3, 3a, 4 - 21. Approved 2, 3, 3a, 4 - 21.
	Conditional	The project owner will submit a Report of Emergency Termination of Mitigation to the CPM for approval, as required, no later than 10 working days following the termination or the identified mitigation measure.	10 days after termination of mitigation measure.	-----	-----	
	ongoing	The CPM will monitor the approval of all reports submitted by the project owner in consultation with CARB, limiting the review time for any one report to no more than 20 working days.	20 days after receipt of report.	-----	-----	
BIO-1	Approved	At least (30) days prior to start of any project related ground disturbance activities, or a lesser time as mutually agreed upon by the project owner and CPM, the project owner shall provide the Energy Commission Compliance Project Manager (CPM) with the final version of the Biological Resources Mitigation Implementation and Monitoring Plan for the SPP, and the CPM will determine the plans acceptability within 15 days of receipt of the final plan. Implementation of the above measures will be included in the BRMIMP.	At least 30 days prior to start of any project related ground disturbance activities.	11/13/2001	-----	
BIO-2	Approved	At least 90 days prior to the start of any ground disturbance activities, the project owner shall submit to the CPM for approval, the name, qualifications, address and telephone number of the individual selected by the project owner as the Designated Biologist is replaced, the information on the proposed replacement, as specified in the condition, must be submitted in writing at least ten working days prior to the termination or release of the preceding Designated Biologist.	At least 90 days prior to the start of any ground disturbance activities (12/6/99).	10/04/2001	10/23/2001	
BIO-3	Complete	During project construction, the Designated Biologist shall maintain written records of the tasks described above, and summaries of these records shall be submitted along with the Monthly Compliance Reports to the CPM.	With Monthly Compliance Report.	Monthly	N/A	No MCR have been submitted since the project construction has been completed.
	ongoing	During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report.	In Annual Compliance Report	Annually	-----	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
BIO-4	Conditional	Within two (2) working days of a Designated Biologist notification of non-compliance with a Biological Resources condition of certification or a halt of construction, the project owner shall notify the CPM by telephone of the circumstances and actions being taken to resolve the problem or the non-compliance with a condition. For any necessary corrective action taken by the project owner, a determination of success or failure will be made by the CPM within five (5) 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.	Within two (2) working days of a Designated Biologist notification.	Conditional	Conditional	
BIO-6	Approved	At least 60 days prior to the start of any project-related site mobilization, the project owner shall provide copies of the Worker Environmental Awareness Program and all supporting written materials prepared by the Designated Biologist and the name and qualifications of the person(s) administering the program to the CPM for approval. The project owner shall state in the Monthly Compliance Report 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. The signed statements for the construction phase shall be kept on file by the project owner and made available for examination by the CPM for a period of at least six (6) months after the start of commercial operation. During project operation, signed statements for active project operational personnel shall be kept on file for the duration of their employment and for six (6) months after their termination.	At least 60 days prior to start of rough grading.	10/04/2001	10/23/2001	Sunrise II revised handbook approved 10/23/01.
	Complete	The project owner shall state in the Monthly Compliance Report 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. The signed statements for the construction phase shall be kept on file by the project owner and made available for examination by the CPM for a period of at least six (6) months after the start of commercial operation.	In Monthly Compliance Report.	Monthly	N/A	MCR's have not been submitted since the construction was completed.
	ongoing	During project operation, signed statements for active project operational personnel shall be kept on file for the duration of their employment and for six (6) months after their termination.	No submittal required.	Ongoing	Ongoing	
BIO-7	Approved	Fifteen (15) days prior to the start of any project related ground disturbance activities associated with new linear facilities or site expansion, or a lesser time as mutually agreed, the project owner shall submit to the CPM a copy of the final CDFG disturbance activities associated with new linear facilities or start of any ground site expansion, or a lesser time as mutually agreed, the project disturbance, or lesser as owner shall submit to the CPM a copy of the final CDFG Incidental Take Permit. Permit terms and conditions will be incorporated into the Biological Resources Mitigation Implementation and Monitoring Plan. See also Condition of Certification BIO-9.	No less than 5 days prior to start of any ground disturbance, or lesser as mutually agreed.	12/14/2001	12/21/2001	Permit issued by CDFG 12/7/01.
BIO-8	Approved	Fifteen (15) days prior to the start of any project related ground disturbance activities associated with new linear facilities or site expansion, or a lesser time as mutually agreed upon by the project owner and the CPM, the project owner shall submit to the CPM a copy of the Biological Opinion. Permit terms and conditions will be incorporated into the Biological Resources Mitigation Implementation and Monitoring Plan. See also Condition of Certification BIO-9.	15 days prior to start of any ground disturbance activities, or lesser time as mutually agreed.	12/21/2001	12/21/2001	Amended Biological Opinion issued on 12/20/01. Pipeline dewatering plans submitted 12/02 and approved 12/02 and 1/03.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
BIO-9	Approved	No less than fifteen (15) days prior to start of any project-related ground disturbance activities associated with new linear facilities or site expansion, or a lesser time as mutually agreed upon by the project owner and the CPM, the project owner shall provide the CPM with the final revised version of the BRMIMP for the project, and the CPM will determine the plans acceptability within 15 days of receipt of the final plan. All modifications to the approved BRMIMP must be made only after consultation with CEC, CDDFG, BLM and USFWS. The project owner shall notify the CPM five (5) working days before implementing any CPM approved modifications to the BRMIMP.	At least 30 days prior to start of ground disturbance activities, or lesser time as mutually agreed.	12/04/2001	12/17/2001	BRMIMP submitted 11/15/01, approved 11/27/01. Revised final BRMIMP submitted 12/4/01, approved 12/17/01. Final report submitted 3/16/05.
	Submitted	Within 30 days after completion of project construction, the project owner shall provide to the CPM for review and approval, a written report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which mitigation and monitoring plan items are still outstanding.	Within 30 days after completing construction	3/16/2005	3/16/2005	Final Report
BIO-10	Approved	Within one (1) week of project certification, the project owner must provide written verification to the CPM that the required Compensation funds have been provided to CNLM.	Within one (1) week of project certification.	11/30/2000	12/04/2000	
	Submitted	Within 180 days after completion of project construction, the project owner shall provide the CPM aerial photographs taken after construction and an analysis of the amount of any additional habitat disturbance beyond that identified in the Energy Commission Final Staff Assessment. The CPM will notify the project owner of any additional funds required to compensate for any additional habitat disturbances at the adjusted market value at the time of construction to acquire and manage habitat.	Withing 180 days after construction completion.	01/10/2006	Pending	Report submitted 1/10/06.
BIO-11	Not Started	At least 12 months (or a mutually agreed upon time) prior to the commencement of closure activities, the project owner shall address all biological resource-related issues associated with facility closure in a Biological Resources Element. The Biological Resources Element will be incorporated into the Facility Closure Plan, and include a complete discussion of the local biological resources and proposed facility closure mitigation measures.	At least 12 months prior to the commencement of closure activities.	Conditional	-----	
BIO-12	Approved	No later than 10 days prior to energizing the new Sunrise transmission line (including the La Paloma transmission line if Sunrise links to that new transmission line), the project owner will provide photographic verification to the Energy Commission CPM that all required bird flight diverters have been installed, according to manufacturer's specifications, for the full length of the new transmission line. The project's final Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) will provide complete guidance regarding bird flight diverter installation and maintenance.	10 days prior to energizing transmission line (including La Paloma line)	12/12/2000	12/22/2000	USFWS verbal approval given 12/19/00. Photographs of BFD's submitted in MCR on 5/11/01. Phase II photos submitted 3/18/03, approved 4/9/03.
BIO-13	Approved	Fifteen (15) days prior to the start of any ground disturbance activities associated with new linear facilities or site expansion, or a lesser time as mutually agreed upon by the project owner and the CPM, the project owner shall submit to the CPM a copy of the state (CDDFG) Streambed Alteration Agreement. The terms and conditions of the Streambed Alteration Agreement will be incorporated into the revised Biological resources Mitigation Implementation and Monitoring Plan. See condition of certification BIO-9.		-----	12/11/2002	CDFG issued notice of no impact for water lines on 9/18/01 (CEC approval 11/29/01), and for access road on 12/5/01 (CEC approval 12/11/02).
BIO-14	Approved	Winthin 60 (sixty) days of approval of the wastewater pipeline and injection well amendment, the project owner must provide written verification to the CPM that the required compensation funds have been provided ot CNLM.	Within 60 days of amendment approval.	09/23/2001	10/23/2001	Compensation funds mailed 9/20/01.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
	Submitted	Within 180 days after completion of project construction, the project owner shall provide the CPM aerial photographs taken after construction and an analysis of the amount of any additional habitat disturbance beyond that identified in the Energy Commission Final Staff Assessment. The CPM will notify the project owner of any additional funds required to compensate for any additional habitat disturbances at the adjusted market value at the time of construction to acquire and manage habitat.	Within 180 days after construction completion.	01/10/2006	Pending	
BIO-15	Approved	Within one (1) week of the sunrise II project amendment approval, the project owner must provide written verification to the CPM that the required compensation funds have been provided to CNLM.	Within 1 week of amendment approval.	11/27/2001	11/29/2001	
	Approved	Within 180 days after completion of project construction, the project owner shall provide the CPM aerial photographs taken after construction and an analysis of the amount of any additional habitat disturbance beyond that identified in the Energy Commission Final Staff Assessment. The CPM will notify the project owner of any additional funds required to compensate for any additional habitat disturbances at the adjusted market value at the time of construction to acquire and manage habitat.	Within 180 days of project construction completion.	01/10/2006	Pending	
BIO-16	Approved	No later than 10 days prior to energizing the new Sunrise transmission line (including the La Paloma transmission line if Sunrise links to that new transmission line), the project owner will provide photographic verification to the Energy Commission CPM that all required bird flight diverters have been installed, according to manufacturer's specifications, for the full length of the new transmission line.	10 days prior to new line energization.	03/18/2003	04/09/2003	Photos submitted 3/18/03 as part of BIO-12. Appvd 4/9/03
	Approved	No later than 10 days prior to energizing the new Sunrise II transmission line, the sunrise II project owner will provide photographic verification to the CPM that all required bird flight diverters have been installed, according to manufacturer's specifications, for the Sunrise II project transmission line.	10 days prior to new line energization.	03/18/2003	04/09/2003	Photos submitted 3/18/03 as part of BIO-12. Appvd 4/9/03.
	Approved	The project's final Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) will provide complete guidance regarding bird flight diverter installation and maintenance.	30 days prior to start of construction.	12/04/2001	12/21/2001	
BIO-17	Approved	Fifteen (15) days prior to the start of any Sunrise II project-related ground disturbance activities, or a lesser time as mutually agreed upon by the project owner and the CPM, the project owner shall submit to the CPM a copy of the federal Nationwide Permit #12 from the U. S. Army Corp of Engineers. The terms and conditions of the Nationwide Permit #12 will be incorporated into the revised Biological Resources Mitigation Implementation and Monitoring Plan. See Condition of Certification BIO-9.	15 days prior to ground disturbance	09/10/2001	09/18/2001	Issued by COE on 8/24/01.
CUL-1	Approved	At least ninety (90) days prior to the start of project construction, the project owner shall submit the name and statement of qualifications of its designated cultural resource specialist and alternate resource specialist to the CPM for review and write	At least 90 days prior to start of construction.	10/24/2001	11/14/2001	Designation submitted to CEC on 10/4/01. Supplemental information submitted to CEC on 10/24/01, 1/16/02, 7/8/02, 11/5/02, 11/26/02. Approved 11/14/01, 1/31/02, 8/2/02, 12/4/02, 12/13/02.
	Approved	At least ten (10) days but no more than thirty (30) days prior to the start of construction, the project owner shall confirm in writing to the CPM that the approved designated cultural resource specialist will be available at the start of construction and	At least 10 but no more than 30 days prior to start of construction.	10/24/2001	11/14/2001	
	Conditional	At least ten (10) days prior to the termination or release of a designated cultural resource specialist, the project owner shall obtain CPM approval of the replacement specialist by submitting to the CPM the name and resume of the proposed new designated	At least 10 days prior to release of cultural specialist.	Conditional	-----	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
CUL-2	Approved	At least 75 days prior to the start of project-related ground disturbance on the project, the project owner shall provide the DCRS and the CPM with the maps and drawings. Copies of maps or drawings reflecting changes to the footprint of the power plant and/or linear facilities shall be submitted to the cultural resources specialist and the CPM within five days of the changes.	At least seventy-five (75) days prior to the start of construction.	10/23/2001	12/5/2001	Maps and drawing first issued to DCRS on 10/23/2001. Matrix reflects first submitted to CPM. Other revised maps issued and approved as needed.
CUL-3	Approved	At least sixty (60) days prior to the start of construction on the project, the project owner shall provide the Cultural Resources Monitoring and Mitigation Plan, prepared by the designated cultural resource specialist, to the CPM for review and written approval.	At least sixty (60) days prior to the start of construction.	10/12/2001	03/01/2002	Phase II addendum submitted to CEC 10/12/01. Project site activity approved on 12/21/01, but not water line. Submitted Rte 2E prelim rpt on 1/31/02, supplmt on 2/4/02, approved w/ comments on 3/1/02. Eleven rpts submtd Apr-Dec 2002, some pending apprvl
CUL-4	Approved	At least sixty (60) days prior to the start of construction on the project, the project owner shall submit to the CPM for review and written approval, the proposed employee training program, the set of reporting procedures, and the work curtailment procedures that the workers are to follow if previously unknown cultural resources are encountered during construction. The project owner shall provide the name and resume of the individual(s) performing the training.	At least sixty (60) days prior to the start of construction.	10/04/2001	10/17/2001	
CUL-5	Submitted	Within seven (7) days after the start of construction the project owner shall provide the CPM with documentation that the designated cultural resources trainer(s) has/have provided to all project managers, construction supervisors, and workers hired before the start of construction the CPM-approved cultural resources training and the set of reporting and work curtailment procedures.	Within seven (7) days after the start of construction & Monthly Compliance Report	01/15/2002	Pending	Alternate trainer designation (Catherine Pruet) submitted 12/13/01, approved 12/19/01. Initial training sign-in sheets included in MCR showing training prior to start of construction
	Complete	In each Monthly Compliance Report after the start of construction the project owner shall provide the CPM with documentation that the designated cultural resource trainer(s) has/have provided to all project managers hired in the month to which the report applies, the CPM-approved cultural resources training and the set of resource reporting and work curtailment procedures.	In each Monthly Compliance Report.	Monthly	N/A	MCR's are no longer being submitted since construction has been completed.
CUL-6	Approved	Thirty (30) days prior to the start of construction, the project owner shall provide the CPM with a letter confirming that the designated cultural resources specialist and delegated monitor(s) have the authority to halt construction activities in the vicinity of a cultural resource find.	30 days prior to start of construction.	11/05/2001	11/14/2001	
	Conditional	For any cultural resource encountered that the specialist determines is or may be significant, the project owner shall notify the CPM as soon as possible.	As soon as possible after resource found.	Conditional	-----	
	Conditional	For any cultural resource encountered that the specialist determines is not significant, the project owner shall notify the CPM within 72 hours after the find.	Within 72 hours after resource found.	Conditional	-----	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
CUL-7	Complete	Ten (10) days prior to the start of construction involving ground disturbing activities and in each Monthly Compliance Report, the project owner shall provide the CPM with copies of the schedules and maps provided to the designated cultural resource specialist	Ten (10) days prior to the start of construction & in Monthly Compliance.	N/A	N/A	MCR's are no longer being submitted since construction has been completed.
CUL-8	Complete	Throughout the project construction period, the project owner shall ensure that the daily log(s) and the weekly summary reports prepared by the designated cultural resource specialist and delegated monitor(s) are available for periodic audit by the CPM. Upon request by the CPM, the project owner shall provide specified weekly summary reports to the CPM.	Upon request.	N/A	N/A	
CUL-9	Complete	Throughout the project construction period the project owner shall include in the Monthly Compliance Reports to the CPM copies of the weekly summary reports prepared by the designated cultural resource specialist regarding project-related cultural resource monitoring.	In Monthly Compliance Reports.	N/A	N/A	MCR's are no longer being submitted since construction has been completed.
CUL-10	Approved	The project owner shall provide the CPM and the designated BLM representative(s) with a copy of the BLM archaeological resource use permit received by the designated cultural resource specialist, in the next Monthly Compliance Report following its receipt or renewal.	In the next Monthly Compliance Report following its receipt or renewal.	10/24/2001	11/14/2001	Submitted 10/01, approved 11/14/01.
CUL-11	Approved	The project owner shall concurrently provide the designated BLM representative(s) with copies of all information submitted to the CPM in response to Energy Commission conditions of certification. The project owner shall provide the CPM with current copies of BLM permit conditions and requirements; the criteria and requirements for the designation of a cultural resource specialist; the contents of its Archaeological Resource Treatment Plan; and any other requirements pertinent to the protection of cultural resources potentially affected by the Sunrise project. In each Monthly Compliance Report, the project owner shall provide the CPM with a summary outlining the measures it has taken to ensure that it has met both BLM and Energy Commission requirements.	In each Monthly Compliance Report.	10/24/2001	11/14/2001	Designated BLM representative(s) including the CDFG and USFWS are provided copies of the MCR.
CUL-12	Conditional	The project owner shall maintain in its compliance files, copies of signed contracts or agreements with the museum(s), university(ies), or other appropriate research specialists which will ensure the necessary recovery, preparation for analysis, and analysis of cultural resource materials collected during data recovery and mitigation for the project. The project owner shall maintain these files for the life of the project and the files shall be kept available for periodic audit by the CPM. Information as to the specific location of sensitive cultural resource site shall be kept confidential and accessible only to qualified cultural resource specialists.	No submittal required. Audit only by CPM.	Conditional	-----	
CUL-13	Conditional	The project owner shall ensure that the designated cultural resources specialist prepares the proposed scope of work within ninety (90) days following completion of the data recovery and site mitigation work. Within seven (7) days after completion of the proposed scope of work, the project owner shall submit it to the CPM for review and written approval.	Within ninety (90) days following completion of the data recovery and site mitigation work.	Conditional	-----	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
CUL-14	Submitted	The project owner shall ensure that the designated cultural resources specialists completes the Cultural Resources Report within ninety (90) days following completion of the analysis of the recovered cultural materials. Within seven (7) days after completion of the report, the project owner shall submit the Cultural Resources Report to the CPM for review and written approval.	Ninety (90) days following completion of the analysis.	05/03/2005	-----	Draft submitted 5/3/05. CEC comments received 6/7/05.
CUL-15	Conditional	Within thirty (30) days after receiving approval of the Cultural Resources Report, the project owner shall provide to the CPM documentation that the report has been sent to the public repository receiving the recovered data and materials for curation, the SHPO, and the appropriate archaeological information center(s).	Within thirty (30) days after receiving approval of the Cultural Resources Report.	Conditional	-----	
	Conditional	For the life of the project the project owner shall maintain in its compliance files copies of all documentation related to the filing of the CPM-approved Cultural Resources Report with the public repository receiving the recovered data and materials for curation, the SHPO, and the appropriate archaeological information center(s).	No submittal required.	Conditional	-----	
CUL-16	Conditional	The project owner shall ensure that all recovered cultural resource materials are delivered for curation within thirty (30) days after providing the CPM-approved Cultural Resource Report to the public repository receiving the recovered data and materials, to the SHPO, and to the appropriate archaeological information center(s).	Within 30 days after providing report.	Conditional	-----	
	Conditional	For the life of the project the project owner shall maintain in its project history or compliance files, copies of signed contracts or agreements with the public repository to which the project owner has delivered for curation all cultural resource materials collected during data recovery and mitigation for the project.	No submittal required.	Conditional	-----	
CUL-17	Conditional	The project owner shall include information about the activities related to this condition in the summary of the designated cultural resource specialist's daily log submitted to the CPM.	With CR log summaries.	Conditional	-----	
CUL-18	Submitted	Prior to ground disturbance within 200 feet of injection #72T, the project owner shall provide the CPM with a report(s) for review and approval that documents the results of the survey, DPR 523 forms if resources were identified, reports evaluating any resources that can not be avoided, and an addendum to the CRMMP that identifies any cultural resources within the impact area and recommendations for all mitigation measures necessary to ensure that the impacts to cultural resources will be less than significant.		06/28/2001	Pending	Survey letter report submitted to CEC/BLM on 6/28/01. Revised and included in Comprehensive Cultural Resources Technical Report submitted in 10/01.
CUL-19	Submitted	At least 30 days prior to ground disturbance along the water supply pipeline, the project owner shall provide to the CPM for review and approval, an addendum to the CRMMP that identifies all avoidance and monitoring measures being implemented to assure the protection of resources that can be avoided.	30 days prior to start of pipeline construction.	10/08/2001	Pending	
	Submitted	At least 30 days prior to ground disturbance with 200 feet of P-15-006488, W-16, W-21, W-23, W-26 or P-15-006327, the project owner shall provide the CPM and BLM with a report for review and approval that evaluates any cultural resources that can not be avoided and recommends mitigation measures, and an addendum to the CRMMP that identifies any cultural resources within the impact area and incorporates all mitigation measures necessary to ensure that the impacts to cultural resources will be less than significant. All technical reports not previously submitted to the CHRIS and SHPO shall be incorporated into the CRR.	30 days prior to start of pipeline construction in areas designated.	05/22/2002	Pending	Several drafts and Final Supplemental Technical Report and Supplemental Letter Report submitted in May, 2002.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
CIVIL-1	Approved	At least 15 days prior to the start of site grading, the project owner shall submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications, signed and stamped by the responsible civil engineer; and 4. Soils report as required by the 1998 CBC, Appendix Chapter 33, Section 3309.5, Soils Engineering Report and Section 3309.6 Engineering Geology Report	At least 15 days prior to the start of site grading	10/15/2001	12/26/2001	
	Submitted	In the next Monthly Compliance Report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	Included in Monthly Compliance Report	01/15/2003	Pending	CBO letter is attachment to first MCR
CIVIL-2	Conditional	The project owner shall notify the CPM, within five days, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Within 5 days of stopping earthwork.	Conditional	-----	
	Conditional	Within five days of the CBO's approval, the project owner shall provide to the CPM a copy of the CBO's approval to resume earthwork and construction in the affected areas.	Within 5 days of CBO approval.	Conditional	-----	
CIVIL-3	ongoing	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.	Within five days of the discovery of any discrepancies.	Ongoing	-----	
	Conditional	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.	Within 5 days of resolution of the NCR.	Conditional	-----	
CIVIL-4	Complete	Within 30 days of the completion of the erosion and sediment control mitigation and drainage facilities, the project owner shall submit to the CBO the responsible civil engineer's signed statement that the installation of the facilities and erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes. The project owner shall submit a copy of this report to the CPM in the next Monthly Compliance Report.	Within 30 days of the completion of the SWPP facilities.	02/10/2004	Pending	
GEN-1	Complete	Within 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) after receipt of the Certificate of Occupancy, the project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Energy Commission's Decision have been met for facility design. The project owner shall provide the CPM a copy of the Certificate of Occupancy within 30 days of receipt from the CBO [1998 CBC, Section 109 – Certificate of Occupancy.]	Within 30 days after receipt of Certificate of Occupancy.	06/21/2004	Pending	Temporary Cert of Occ issued 5/30/03 (submitted). Final Cert issued 6/15/04, submitted to CPM with statement on 6/21/04.
GEN-2	ongoing	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 rough grading, the project owner shall submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The Project owner shall provide schedule updates in the Monthly Compliance Report.	At least 60 days prior to the start of rough grading and in the Monthly Compliance Report.	Ongoing	Ongoing	Initial submittal on 10/17/01, approved on 10/19/01. Submitted request to increase # of fuel gas scrubbers 11/3/04, approved 12/7/04.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
GEN-3	Submitted	The project owner shall make the required payments to the CBO at the time of submittal of the plans, design calculations, specifications, or soil reports. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next Monthly Compliance Report indicating that the applicable fee has been paid.	In the next Monthly Compliance Report.	01/15/2001	N/A	Payment made to CBO in late December, 2001. Provided as attachment to MCR
GEN-4	Approved	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, the project owner shall submit to the CBO for review and approval, the name, qualifications and registration number of the RE and any other delegated engineers assigned to the project. The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval. If the RE or the delegated engineer(s) are subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	At least 30 days prior to the start of rough grading.	12/04/2001	12/06/2001	
GEN-5	Approved	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, the project owner shall submit to the CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project. The project owner shall notify the CPM of the CBO's approvals of the engineers within five days of the approval. If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	At least 30 days prior to the start of rough grading.	10/17/2001	10/19/2001	Original submittal 10/17/01 approved 10/19/01. Submitted designation of alternate on 12/4/01, approved on 12/6/01. Submitted revision of designated engineers on 2/7/02, approved 3/7/02.
GEN-6	In Progress	At least 15 days prior to the start of an activity requiring special inspection, the project owner shall submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth above. 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. If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned special inspector to the CBO for approval. The project owner shall notify the CPM of the CBO's approval of the newly assigned inspector within five days of the approval.	At least 15 days prior to the start of an activity requiring special inspection.	Later	Later	Submitted to CBO on 11/16/01. Approved by CBO 12/20/01. Submitted new inspector 11/9/04.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
GEN-7	Complete	The project owner shall submit monthly construction progress reports to the CBO and CPM.	Monthly during construction.	Monthly	N/A	Submitted first Construction Progress Report 1/22/2001.MCR's are no longer being submitted since construction has been completed.
	Complete	The project owner shall transmit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapp	Within 15 days of the CBO's approval/disapproval.	N/A	-----	
GEN-8	Approved	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, (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 plan.	Within 15 days of the completion of any work.	07/10/2003	08/01/2003	Final substantial conformance letters and documents submitted to CBO on 7/7/03. Letters sent to CPM 7/14/03.
GEN-9	Not Started	At least 12 months prior to closure or decommissioning activities, the project owner shall file a copy of the closure/decommissioning plan with Kern County and the CPM for review and approval. Prior to the submittal of the closure plan, a meeting shall be held between the project owner and the CPM for discussing the specific contents of the plan.	At least 12 months prior to closure or decommissioning activities.	Conditional	-----	
ELEC-1	Approved	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for review and approval the final design plans, plans, specifications and calculations for electrical equipment and systems 480 volts and greater, including a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.	At least 30 days prior to start of electrical construction.	07/10/2003	07/24/2003	Copies of responsible engineer transmittal letters will be provided in the MCR

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
ELEC-2	Approved	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of electrical equipment installation, the project owner shall submit to the CBO for review and approval the final design plans, specifications and calculations, for electrical equipment and systems 480 volts and greater enumerated above, including a copy of the signed and stamped statement from the responsible electrical engineer certifying compliance with the applicable LORS. The project owner shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.	At least 30 days prior to start of electric equipment installation.	07/10/2003	07/24/2003	Copies of responsible engineer transmittal letters will be provided in the MCR
MECH-1	Complete	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of any increment of piping construction, the project owner shall submit to the CBO for approval, with a copy of the transmittal letter to the CPM, the proposed final design plans, specifications, calculations and quality control procedures for that increment of construction of piping systems, including a copy of the signed and stamped engineer's certification of conformance with the Energy Commission's Decision.	At least 30 days prior to start of piping construction.	N/A	N/A	Copies of responsible engineer transmittal letters will be provided with the MCR. MCR's are no longer being submitted since construction has been completed.
	Complete	The project owner shall transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	In Monthly Compliance Report.	Monthly	-----	Refer to CBO Submittal Review Table included in MCR for CBO approvals of submitted plans and revisions. MCR's are no longer being submitted since construction has been completed.
MECH-2	Complete	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of on-site fabrication or installation of any pressure vessel, the project owner shall submit to the CBO for review and approval, the above	At least 30 days prior to installation of any pressure vessel.	-----	-----	Copies of responsible engineer transmittal letters will be provided with the MCR. MCR's are no longer being submitted since construction has been completed.
	Complete	The project owner shall also transmit a copy of the CBO's and/or Cal-OSHA inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	In Monthly Compliance Report following inspection.	Monthly	-----	Refer to CBO Submittal Review Table included in MCR for CBO approvals of submitted plans and revisions.
MECH-3	Submitted	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of construction of any HVAC or refrigeration system, the project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans and specifications, including construction has been completed. a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC, with a copy of the transmittal letter to the CPM.	At least 30 days prior to HVAC installation.	-----	-----	Copies of responsible engineer transmittal letters will be provided with the MCR. MCR's are no longer being submitted since construction has been completed.
	Submitted	The project owner shall transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	In Monthly Compliance Report following inspection.	Monthly	-----	Refer to CBO Submittal Review Table included in MCR for CBO approvals of submitted plans and revisions. MCR's are no longer being submitted since construction has been completed.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
MECH-4	Submitted	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of construction of any of the above systems, the project owner shall submit to the CBO the final design plans, specifications and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC, and send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.	At least 30 days prior to start of plumbing construction.	-----	-----	Copies of responsible engineer transmittal letters will be provided with the MCR. MCR's are no longer being submitted since construction has been completed.
	Submitted	The project owner shall transmit a copy of the CBO's inspection approvals to the CPM in the next Monthly Compliance Report following completion of that increment of construction.	In Monthly Compliance Report following inspection.	Monthly	-----	Refer to CBO Submittal Review Table included in MCR for CBO approvals of submitted plans and revisions. MCR's are no longer being submitted since construction has been completed.
STRUC-1	Complete	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of any increment of construction, the project owner shall submit to the CBO, with a copy to the CPM, the responsible design engineer's signed statement that the final design plans, specifications and calculations conform with all of the requirements set forth in the Energy Commission's Decision.	At least 30 days prior to start of any increment of construction.	Ongoing	Ongoing	Submitted and approved numerous engineering certification statements to date. Copies of responsible engineer transmittal letters were provided with the MCR
	Conditional	If the CBO discovers non-conformance with the stated requirements, the project owner shall resubmit the corrected plans to the CBO within 20 days of receipt of the nonconforming submittal with a copy of the transmittal letter to the CPM.	Within 20 days of receipt of nonconforming submittal.	Conditional	-----	
	Complete	The project owner shall submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in conformance with the requirements set forth in the applicable LORS.	As CBO approval is received	Ongoing	-----	Refer to CBO Submittal Review Table included in MCR for CBO approvals of submitted plans and revisions.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
STRUC-2	Complete	<p>The project owner shall submit to the CBO the required number of sets of the following:</p> <ol style="list-style-type: none"> 1. Concrete cylinder strength test reports (including date of testing, date sample taken, design concrete strength, tested cylinder strength, age of test, type and size of sample, location and quantity of concrete placement from which sample was taken, and mix design designation and parameters); 2. Concrete pour sign-off sheets; 3. Bolt torque inspection reports (including location of test, date, bolt size, and recorded torques); 4. Field weld inspection reports (including type of weld, location of weld, inspection of non-destructive testing (NDT) procedure and results, welder qualifications, certifications, qualified procedure description or number (ref: AWS); and 5. Reports covering other structure activities requiring special inspections shall be in accordance with the 1998 CBC, Chapter 17, Section 1701, Special Inspections, Section 1701.5, Type of Work (requiring special inspection), Section 1702, Structural Observation and Section 1703, Nondestructive Testing. <p>If a discrepancy is discovered in any of the above data, the project owner shall, within five days, prepare and submit an NCR describing the nature of the discrepancies to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of verification 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.</p>	Within 5 days of discovering discrepancy.	Pending	-----	final substantial conformance letters and documents submitted to CBO on 7/7/03.
	Conditional	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 to obtain CBO's approval.	Within 15 days.	Conditional	-----	
STRUC-3	Conditional	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM. The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	On a schedule suitable to the CBO.	Conditional	-----	Refer to CBO Submittal Review Table included in MCR for CBO approvals of submitted plans and revisions
STRUC-4	Complete	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of installation of the tanks or vessels containing the above specified quantities of highly toxic or explosive substances that would be hazardous to the safety of the general public if released, the project owner shall submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	At least 30 days prior to the start of tank installation.	-----	-----	
	Complete	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.	In the Monthly Compliance Report.	-----	-----	Refer to CBO Submittal Review Table included in MCR for CBO approvals of submitted plans and revisions. MCR's are no longer being submitted since construction has been completed.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
GEO-1	Approved	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the Kern County Chief Building Official ((CBO)) prior to the start of construction, the project owner shall submit to the CPM the name(s) and license number(s) of the certified engineering geologist(s) assigned to the project. The submittal should include a statement that CPM approval is needed. The CPM will approve or disapprove of the engineering geologist(s) and will notify the project owner of its findings within 15 days of receipt of the submittal.	At least 30 days prior to the start of construction.	11/26/2001	11/27/2001	
	Conditional	If the engineering geologist(s) is subsequently replaced, the project owner shall submit for approval the name(s) and license number(s) of the newly assigned Individual(s) to the CPM. The CPM will approve or disapprove of the engineering geologist(s) and will notify the project owner of the findings within 15 days of receipt of the notice of personnel change.	If engineering geologist is replaced.	Conditional	-----	
GEO-2	Approved	(1) Within 15 days after submittal of the application(s) for grading permit(s) to the CBO, the project owner shall submit a signed statement to the CPM stating that the Engineering Geology Report has been submitted to the CBO as a supplement to the plans and specifications.	Within 15 days after submittal of application for grading permit.	10/29/2001	07/02/2001	Submitted 6/14/01. Resubmitted Phase I report on 10/29/01. No new report required for Phase II.
	Approved	(2) Within 90 days following completion of the final grading, the project owner shall submit copies of the Final Engineering Geology Report required by the 1998 CBC, Appendix Chapter 33, Section 3318 - Completion of Work, to the CPM and the CBO.	Within 90 days following completion of final grading.	06/14/2001	07/02/2001	Submitted Phase I report on 6/14/01. Report is unchanged for Phase II.
GEO-3	Approved	At least sixty (30) days prior to the start of construction, the project owner shall submit to the CPM a copy of DOGGR's letter commenting on the linear facility development plan. Within fifteen days (15) days of the receipt of the development plan and the DOGGR comment letter on the plan, the CPM will either approve or comment and deny the plan, and transmit the approval or denial letter to the project owner.	At least sixty (30) days prior to the start of construction.	11/06/2001	11/09/2001	Submitted to DOGGR on 10/22/01. DOGGR comment letter submitted to CEC on 11/6/01.
PAL-1	Approved	Ninety (90) days prior to the start of construction, or a lesser period of time mutually agreed to by the project owner and the CPM, the project owner shall submit the name and resume and the availability for its designated paleontological resources specialist, to the CPM for review and approval. The CPM shall provide written approval or disapproval of the proposed <u>paleontological resources specialist</u> .	90 days prior to start of construction.	10/04/2001	10/12/2001	
	Conditional	At least ten (10) days prior to the termination or release of a designated paleontological resources specialist, the project owner shall obtain CPM approval of the replacement specialist by submitting to the CPM the name and resume of the proposed new designated paleontological resources specialist. Should emergency replacement of the designated specialist become necessary, the project owner shall immediately notify the CPM to discuss the qualifications of its proposed replacement specialist.	At least 10 days prior to termination.	-----	-----	
PAL-2	Approved	Sixty (30) days prior to the start of construction on the project, or a lesser period of time mutually agreed to by the project owner and CPM, the project owner shall provide the CPM with a copy of the Monitoring and Mitigation Plan prepared by the designated paleontological resources specialist for review and approval. If the plan is not approved, the project owner, the designated Paleontological resources specialist, and the CPM shall meet to discuss comments and negotiate necessary changes.	Sixty (30) days prior to the start of construction on the project, or lesser time as mutually agreed	11/29/2001	12/06/2001	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
PAL-3	Approved	Thirty (30) days prior to the start of project construction, or a lesser period of time mutually agreed to by the project owner and the CPM, the project owner shall submit to the CPM for review, comment, and written approval, the proposed employee training program and the set of reporting procedures the workers are to follow if paleontological resources are encountered during project construction. If the employee training program and set of procedures are not approved, the project owner, the designated paleontological resources specialist, and the CPM shall meet to discuss comments and negotiate necessary changes, before the beginning of construction.	Thirty (30) days prior to the start of project construction, or lesser period as mutually agreed	10/04/2001	10/12/2001	
	Complete	Documentation for training of additional new employees shall be provided in subsequent Monthly Compliance Reports, as appropriate.	In Monthly Compliance Report.	N/A	N/A	MCR's are no longer being submitted since construction has been completed.
PAL-4	Complete	The project owner shall include in the Monthly Compliance Reports a summary of paleontological activities conducted by the designated paleontological resources specialist.	In Monthly Compliance Reports.	Monthly	N/A	MCR's are no longer being submitted since construction has been completed.
PAL-5	ongoing	The project owner shall maintain in its compliance files copies of signed contracts or agreements with the designated paleontological resources specialist and other qualified research specialists who will ensure the necessary data and fossil recovery, mapping, preparation for analysis, analysis, identification and inventory, and preparation for and delivery of all significant paleontological resource materials collected during data recovery and mitigation for the project. The project owner shall maintain these files for a period of three years after completion and approval of the CPM-approved Paleontological Resources Report and shall keep these files available for periodic audit by the CPM.	No Submittal Required.	Ongoing	-----	
PAL-6	Complete	The project owner shall submit a copy of the Paleontological Resources Report to the CPM for review and approval under a cover letter stating that it is a confidential document. The report is to be prepared by the designated paleontological resources specialist within 90 days following completion of the analysis of the recovered fossil materials.	90 days following completion of the analysis.	06/07/2005	-----	
PAL-7	Not Started	The project owner shall include a description of closure activities described above in the facility closure plan.	With Facility Closure Plan.	-----	-----	
HAZ-1	ongoing	The project owner shall provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility in reportable quantities.	With Annual Compliance Report.	Annually	-----	
HAZ-2	Approved	At least sixty (60) days prior to delivery of anhydrous ammonia to the facility, the project owner shall provide the final plans listed above to the CPM for approval.	60 days prior to ammonia delivery.	02/21/2003	06/23/2003	Submitted 2/21/03.
LAND USE-1	Approved	At least 60 days prior to the start of any ground disturbance related to construction for Sunrise II, the project owner shall submit a copy of the letter of comment from the Kern County Planning Director to the CPM for review and approval. The project owner shall submit any required revisions within 30 days of notification by the CPM.	At least 60 days prior to any ground disturbance.	11/28/2001	11/29/2001	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
LAND USE-2	Approved	Within 90 days following the commencement of construction, the project owner shall submit evidence that \$30,000 has been placed in trust in accordance with the above Condition. The project owner shall include in routine compliance reports a description of the date, amount and purpose of any disbursements from the trust when made available by the trustee.	90 days after commencement of construction	03/13/2001	03/19/2001	Submitted evidence of Trust Contribution with No. 3 MCR
LAND USE-3	In Progress	Within 30 days following the restoration of the 14.3 acres of land disturbed for construction of the Sunrise II water line route, the project owner shall submit a copy of the letter from the property owner to the CPM.	30 days after waterline construction completion.	Later	Later	Sunrise submitted a proposal to the CEC in 2007 to allow natural revegetation to occur based on the recommendation of the Sunrise contracted Biologist.
NOISE-1	Approved	The project owner shall transmit to the Compliance Project Manager (CPM) in the first monthly construction report following the start of rough grading, a statement signed by the project manager attesting that the above notification has been performed, describing the method of that notification, and including a sample letter, poster or other notice, as appropriate. This statement shall also attest that the telephone number has been established and posted at the site, and also provide the telephone number.	First Monthly Construction Report.	11/26/2001	12/06/2001	Notices posted on 11/28/01. Notification logs maintained on site. Statement in 1/15/02 MCR.
NOISE-2	Conditional	Within 30 days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form, or similar instrument approved by the CPM, with Kern County and 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 30-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is finally implemented.	Within 30 days of receiving a noise complaint.	Conditional	-----	
NOISE-3	Approved	Prior to the start of the Sunrise project construction, the project owner shall submit to the CPM for review a noise control program. The noise control program shall be used to reduce employee exposure to high noise levels during construction and also to comply with applicable OSHA standards. At least 30 days prior to the start of rough grading, the project owner shall submit to the CPM the above referenced program. The project owner shall make the program available to OSHA upon request.	At least 30 days prior to the start of rough grading.	11/09/2001	11/19/2001	Submitted to CEC on 11/7/01.
NOISE-4	Approved	Within 30 days after first achieving an output of 80 percent or greater of rated output, the project owner shall conduct the above described noise survey. Within 30 days after completing the survey, the project owner shall submit a summary report of the survey to Kern County and the CPM. Included in the report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures. Within 30 days of completion of installation of these measures, the project owner shall submit to the CPM a summary report of a new noise survey, performed as described above and showing compliance with this condition.	Within 30 days after completing noise survey.	06/12/2003	07/25/2003	Survey performed on 5/22-23/03, report submitted 6/12/03, approved 7/25/03

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
NOISE-5	Approved	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility. The survey shall be conducted within thirty (30) days after the facility is operating at an output of 80% of rated capacity or greater, and shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations sections 5095-5100 (Article 105) and Title 29, Code of Federal Regulations, Part 1910. The survey results shall be used to determine the magnitude of employee noise exposure. The project owner shall prepare a report of the survey results and, if necessary, identify proposed mitigation measures that will be employed to comply with the applicable state and federal regulations. Within 30 days after completing the survey, the project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA upon request.	Within 30 days after completing the survey.	07/10/2003	08/04/2003	Survey conducted 5/22-23/03, report submitted 7/10/03.
NOISE-6	Complete	The project owner shall transmit to the CPM in the first Monthly Construction Report a statement certifying that the above restrictions will be observed throughout the construction of the project. With respect to potentially noisy construction during restricted hours, the project owner shall also maintain notification logs and concern-resolution logs, and provide both in the Monthly Compliance Report.	First Monthly Construction Report.	-----	-----	Statement in 1/15/02 MCR.
SOCIO-1	Complete	The project owner shall provide proof of payment of the statutory development fee in the next Monthly Compliance Report following the payment.	In Monthly Compliance Report following payment.	05/14/2001	Pending	According to Robert Sawyer, (Principal Building Inspector, Kern County Engineering & Survey Services Dept.) Sunrise is located in a District that does not collect statutory school impact development fees. Therefore, Sunrise had to obtain building permits.
SOCIO-2	Complete	Not later than 45 days after certification, the project owner shall provide the CPM with a copy of an agreement with the KCFD and other power plant projects discussed in the testimony for funding of items a) through c) above.	Not later than 45 days after certification.	06/14/2001	Pending	Final agreement executed on 5/15/01. Submitted in monthly report on 6/14/01.
SW-1	Approved	Sixty days prior to the site mobilization, the project owner will submit to the Energy Commission Compliance Project Manager (CPM) a copy of the Storm Water Pollution Prevention Plan (SWPPP).	2 weeks prior to start of construction.	11/15/2001	01/03/2003	Subtd 11/15/01. Resubtd 12/6/01. Supplemntl subtd 12/13/01. Appvd subtd 1/16/02. Waste wtr p/1 subtd 1/18/02. Ad1 (rd) subd 1/24/02. Ad1 rev subd 2/15/02. Rev1 Ad2&3 (p/1's) app 7/22. Ad4 subd 8/26 app 9/18. Ad5 subd 11/1. Ad6 subd 11/8 app 1/15/03.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
SW-2	Approved	The final erosion control and revegetation plan shall be submitted to the Energy Commission CPM for approval 60 days prior to the initiation of any earth moving activities associated with any new linear facilities or site expansion.	30 days prior to start of earth moving activities.	11/07/2001	02/28/2002	Submitted on 11/7/01 w/ supplements on 12/6/01, 12/13/01. Received partial approval 12/14/01. Waterline portion not yet approved. Waterline submittal 1/23/02. Road submittal 1/31/02, 2/19/02, approved 2/28/02
SW-3	Submitted	The final UIC permit and/or an emergency/temporary authorization issued by the U.S. EPA Region IX for the injection wells, a copy of the ROWD accepted by the CVRWQCB, and a copy of the waiver issued by the CVRWQCB shall be provided to the Energy Commission CPM 60 days prior to the start of construction of the disposal wells and/or receiving any wastewater for injection.	60 days prior to start of wastewater line construction.	-----	-----	Application submitted. Supplement submitted 12/13/01. Final UIC permit issued 8/6/02 (cc'd to CEC, and mentioned in 8/02 MCR).
	ongoing	Copies of permit changes and monitoring or other reports required by the U.S. EPA shall be provided on a continuing basis to the CPM within 30 days of their submittal to the U.S. EPA.	30 days after submittal to EPA.	-----	-----	Modification request sent to EPA 10/17/02. Permission to drill first 2 wells 11/8/02; inject 1/17/03; drill 3&4 3/21/03; increase injection pressure 4/11/03; inject in wells 3&4 4/17/03; exceed inj rate limit 5/29/03. etc. All docs submitted in MCRs
SW-4	ongoing	The project owner will submit a groundwater use summary to the CPM in the Annual Compliance Reports for the life of the project. The annual summary shall include the monthly range, monthly average, and total groundwater use by the project in both gallons-per-minute and acre-feet. Following the first year of operation, the annual summary will also include the yearly range and yearly average groundwater use by the project.	In annual compliance report.	Annually	07/11/2003	Water mitigation plan 7/17/02 and 4/15/03, approved 7/11/03. Dismissal of Berrenda Mesa lawsuit 5/28/03
SW-5	Approved	The project owner shall submit a draft Groundwater Monitoring Plan to the CPM that implements a procedure that uses the "trigger" or critical level of groundwater where significant impacts begin to occur for review and approval no later than 180 days prior to the start of commercial operation. A final plan must be approved by the CPM prior to the start of commercial operation.	180 days prior to commercial operation.	12/31/2002	06/06/2003	Submitted on 12/31/02. Revised 5/15/03. WKWD letter 4/1/03.
SW-6	Conditional	The project owner shall submit a draft Alternative Cooling Plan by the last day of the end of the second full year of operation for review and final notification based on the critical level trigger, the project owner shall implement the "Alternative Cooling Plan" if it includes an alternative source of cooling water, or in two years if an alternative cooling technology is placed in operation, or cease operation until such a time as the Alternative Cooling Plan is in effect.	730 days after commercial operation.	-----	-----	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
SW-7	ongoing	The project owner shall submit a wastewater discharge summary to the CPM in the Annual Compliance Reports for the life of the project. The annual summary shall include the monthly volume of pre-conservation and post-conservation wastewater discharged by the project in both gallons-per-minute and acre-feet per year. Following the first year of operation, the annual summary will also include the yearly range and yearly average wastewater discharged by the conservation submittals ongoing project. The project owner will provide proof that the selected water conservation measure is installed and operating, or implemented if offsite, as required within one year following the start of commercial operation.	In annual compliance report.	Annually	03/08/2005	Submitted project plan 2/25/03, supplemented 5/28/03, approved 1/15/04. Conservation documentation deemed complete 3/8/05. Post-conservation documentation not required after 2004 annual report. Pre-conservation submittals ongoing in annual reports.
TRANS-1	Complete	In the Monthly Compliance Reports, the project owner shall submit copies of any oversized and overweight transportation permits received during that reporting period. In addition, the project owner shall retain copies of these permits and supporting documentation in its compliance file	In the Monthly Compliance Reports.	Monthly	-----	Copies of permits included with MCR. MCR's are no longer being submitted since construction has been completed.
TRANS-2	Complete	In Monthly Compliance Reports, the project owner shall submit copies of any encroachment permits received during the reporting period. In addition, the project owner shall retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	In the Monthly Compliance Reports.	N/A	N/A	Copies of permits included with MCR. MCR's are no longer being submitted since construction has been completed.
TRANS-3	Approved	Thirty (30) days prior to start of construction, or a lesser period of time as mutually agreed to by the project owner and the CPM, the project owner shall provide to the CPM for review and approval, a copy of its construction traffic control plan and implementation program.	30 days prior to start of construction.	11/09/2001	11/21/2001	submitted 11/9/01, appvd 11/21/01. Modified 10/15/02 (pending)
TRANS-4	Approved	Thirty (30) days prior to wire stringing, or a lesser period of time as mutually agreed to by the project owner and the CPM, the project owner shall provide to the CPM for review and approval, a copy of its safety plan and implementation program.	30 days prior to wire stringing.	04/03/2001	04/19/2001	Approved from Phase I.
TRANS-5	Complete	Within 30 days of the completion of project construction, the project owner shall meet with the CPM and Kern County and determine if any roadway repairs are necessary. The project owner shall provide a copy of a letter from Kern County acknowledging satisfactory completion of the roadway repairs, if necessary in the first Annual Compliance Report following start of operation of the Sunrise project.	Within 30 days of construction completion.	-----	-----	Submitted letter of negligible impact with pre- and post-construction photos to county and CPM on 11/15/04.
TRANS-6	Approved	The Traffic Control Plan (TCP) shall be submitted to CalTrans for review at least 30 days prior to start of project construction. The project owner shall provide a copy of a letter from CalTrans acknowledging acceptance of the Traffic Control Plan in a Monthly Compliance Report within 30 days of receipt of the letter.	At least 30 days prior to construction start.	01/15/2002	11/01/2002	Submitted to Caltrans on 11/28/01. Caltrans approval included in 1/15/02 MCR. Submitted Caltrans letter (no flagman) on 10/15/02. Approved by CEC on 11/1/02.
TRANS-7	Approved	The fair share amount shall be paid to CalTrans at least 30 days prior to start of commercial operation. The project owner shall provide a copy of a letter from CalTrans acknowledging receipt of the fair share amount in a Monthly Compliance Report within 30 days of receipt of the letter.	30 days prior to start of commercial operation.	06/13/2001	08/07/2001	Fair share amount paid on 7/20/01.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
TLSN-1	Approved	Thirty days before start of transmission line construction, or a shorter time period as mutually agreed to by the project owner and the Project Compliance Manager (CPM), the project owner shall submit to the Commission's CPM a letter signed by a California registered engineer affirming that the transmission line will be constructed according the requirements of GO-95, and Title 8, Section 2700 et seq. of the California Code of Regulations.	Thirty days before start of transmission line construction	02/06/2003	03/19/2003	Submitted 2/6/03.
TLSN-2	ongoing	All reports of line-related complaints shall be summarized and included in the Annual Compliance Report to the CPM.	with Annual Compliance Report.	Annually	-----	
TLSN-3	Complete	The project owner shall file copies of the pre-and post-energization measurements with the CPM within 60 days after measurements are completed.	60 days after measurements are completed.	01/13/2004	Pending	Submitted 1/13/04
TLSN-4	ongoing	The project owner shall provide a summary of inspection results and any fire prevention activities carried out along the right-of-way, in a report to be filed at completion of construction and yearly after that, for a period of five years.	Completion of construction and yearly after that.	Annually	-----	
TLSN-5	Approved	The project owner shall submit the proposed letter to the CPM for review and approval 30 days prior to mailing to the property owners and shall maintain a record of correspondence (notification and response) related to this requirement, in a compliance file at the plant site. The project owner shall notify the CPM in the first Monthly Compliance Report that letters have been mailed and that copies are on file.	30 days prior to mailing to the property owners & with first Monthly Compliance Report.	01/25/2001	01/26/2001	
TLSN-6	Approved	The project owner shall ensure the grounding of any ungrounded permanent metallic objects identified during transmission line construction within the right-of-way, regardless of ownership. Such objects shall include fences, gates, and other large permanent chargeable objects. These objects shall be grounded according to procedures specified in the National Electrical Safety Code. At least 10 days before the line is energized, the project owner shall transmit to the CPM a letter confirming compliance with this condition.	At least 10 days before the line is energized.	02/06/2003	03/19/2003	Submitted 2/6/03.
TSE-1	Approved	At least 60 days prior to start of construction of transmission facilities, the project owner shall submit for approval to the CPM, 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 1a through 1h above. The Detailed Facilities Study and executed interconnection agreement shall concurrently be provided. Substitution of equipment and substation configurations shall be identified and justified by the project owner for CPM approval.	At least 60 days prior to start of construction.	9/2/2003	09/02/2003	Submitted diagrams, maps, and descriptions on 2/6/03. (appvd 3/28/03) DFS and interconnection agreement 5/8/03. Executed agreement submitted 8/13/03.
TSE-2	Conditional	At least 60 days prior to construction of transmission facilities, the project owner shall inform the CPM of any impending changes which may not conform to requirements of TSE-1 and request approval to implement such changes.	At least 60 days prior to construction.		-----	
TSE-3	Approved	Within 60 days after synchronization of the project, the project owner shall transmit to the CPM an engineering description(s), and one-line drawings of the "as-built" facilities, signed and sealed by the registered electrical engineer in charge. A statement attesting to conformance with CPUC GO-95, CPUC Rule No. 21, the PG&E Interconnection Handbook, and these conditions shall be concurrently provided.	Within 60 days after synchronization.	11/12/2003	11/12/2003	Submitted 10/15/03.

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
VIS-1	Approved	Not later than 60 days prior to treating any structures that are to be color treated during manufacture, or a lesser period of time mutually agreed to by the project owner and the CPM, the project owner shall submit its proposed color plan to the CPM for review and approval. If the CPM notifies the project owner that any revisions of the color plan are needed before the CPM will approve the plan, within 30 days of receiving that notification, the project owner shall submit to the CPM a revised plan.	Not later than 60 days prior to treating.	11/06/2001	12/12/2001	Initial color plan submitted 11/6/01.
VIS-1	Approved	Not less than thirty days prior to first electricity generation, the project owner shall notify the CPM that all structures treated during manufacture and all structures treated in the field are ready for inspection.	Not less than 30 days prior to first electricity generation.	07/21/2003	8/7/2003	Submitted 7/21/03
VIS-1	ongoing	The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.	In the Annual Compliance Report.	Annually		
VIS-2	Approved	At least 60 days prior to ordering the galvanized non-reflective fencing, or a lesser period of time as mutually agreed to by the project owner and the CPM, the project owner shall submit the specifications to the CPM for review and approval. If the CPM notifies the project owner that revisions of the submittal are needed before the CPM will approve the submittal, within 30 days of receiving that notification, the project owner shall prepare and submit to the CPM a revised submittal.	At least 60 days before ordering fence.	10/22/2001	2/15/2002	
VIS-2	Approved	The project owner shall notify the CPM within seven days after completing installation of the fencing that the fencing is ready for inspection.	Within 7 days after completing installation.	07/21/2003	8/7/2003	Submitted 7/21/03
VIS-3	Submitted	At least 60 days before ordering the exterior lighting, or a lesser period of time as mutually agreed to by the project owner and the CPM, the project owner shall provide the lighting plan to the CPM for review and approval. If the CPM notifies the project owner that any revisions of the plan are needed before the CPM will approve the plan, within 30 days of receiving that notification the project owner shall submit to the CPM a revised plan.	At least 60 days before ordering exterior lighting.	05/22/2002	1/3/1997	Submitted 5/22/02.
VIS-3	Approved	The project owner shall notify the CPM within seven days of completing exterior lighting installation that the lighting is ready for inspection.	Within 7 days of completing installation.	07/21/2003	8/7/2003	
WASTE-1	Approved	The project owner shall keep its copy of the identification number on file at the project site and notify the CPM via the monthly compliance report of its receipt.	Prior to generating waste.	06-Dec-00	12/06/2000	
WASTE-2	Conditional	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action.	Within 10 days of becoming aware of an impending enforcement action.	01-Jan-94	Conditional	Confidential.
WASTE-3	Approved	No less than 60 days prior to the start of construction, or a lesser time as mutually agreed upon by the project owner and the CPM, the project owner shall submit the construction waste management plan to the CPM for review.	No less than 60 days prior to start of construction.	09-Nov-01	11/09/2001	

Status for CEC Conditional Requirements

Cond No.	Status	Verification Requirement	Planned/Actual Submittal	Due Date	Approved Date	Requirement Comment
WASTE-3	Approved	The operation waste management plan shall be submitted no less than 60 days prior to the start of project operation, or a lesser time as mutually agreed upon by the project owner and CPM. The project owner shall submit any required revisions within 30 days of notification by the CPM (or mutually agreed upon date).	No less than 60 days prior to start of operation.	07-Jun-01	06/07/2001	
WASTE-3	ongoing	In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year compared to planned management methods.	In the Annual Compliance Reports.	01-Jan-97	Annually	
WASTE-4	Conditional	The project owner shall notify the CPM in writing within 5 days of any reports filed by the environmental professional, and indicate if any substantive issues have been raised.	Within 5 days of any reports filed by the environmental professional.	01-Jan-94	Conditional	Confidential.
SAFETY-1	Approved	Thirty days prior to the start of construction, or a lesser period of time as mutually agreed to by the project owner and the CPM, the project owner shall submit to the CPM a copy of the Project Construction Safety and Health Program and the Personal Protective Equipment Program, with a copy of the cover letter of transmittal of the plan to CAL-OSHA. The project owner shall provide a letter from the KCFD stating that they have reviewed and accept the Construction Fire Protection and Prevention Plan.	30 days prior to start of construction.	11/09/2001	10/30/2002	Submitted 11/8/01. KCFD letter submitted to CEC on 8/22/02.
SAFETY-2	Approved	At least 30 days prior to the start of operation, the project owner shall submit to the CPM a copy of the final version of the Project Operation Safety & Health Program. It shall incorporate Cal/OSHA's Consultation Service comments, stating that they have reviewed and accepted the specified elements of the proposed Operation Safety and Health Plan. The project owner shall notify the CPM that the Project Operation Safety and Health Program (Injury and Illness Prevention Plan, Fire Protection Plan, the Emergency Action Plan, and Personal Protective Equipment requirements), including all records and files on accidents and incidents, is present on-site and available for inspection.	At least 30 days prior to start of operation.	03/03/2003	6/3/2003	Phase I: Program submitted to CEC and CalOSHA on 6/22/01. No comments received from CalOSHA. Phase II: Program submitted to CEC & CalOSHA on 2/19/03 and 3/3/03, to KCFD on 3/12/03. CEC approved all on 6/3/03. No comments yet received from CalOSHA.
SAFETY-3	Approved	Within 60 days after construction is completed, the project owner shall submit a statement to the CPM that the illuminance levels contained in ANSI/IES RP-7 were used as a basis for the <u>design and installation of the exterior lighting.</u>	Within 60 days after construction completion.	08/13/2003	9/3/2003	Submitted 8/13/03
SAFETY-4	Approved	At least sixty (60) days prior to operation of the facility, the project owner shall provide the final agreement listed above to the CPM for review and approval.	60 days prior to commercial operation.	08/22/2002	10/30/2002	KCFD agreement letter submitted to CEC on 8/22/02.

Attachment E

SW-4 Groundwater Use Summary



Board of Directors
Barry M. Jameson
President

David A. Wells
Vice President

Roger Miller
Gary J. Morris
Scott Niblett

Harry O. Starkey
General Manager

J.D. Bramlet
Director of Operations

Sanjay "Sunny" Kapoor
Director of Finance

February 11, 2016

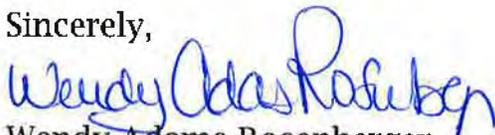
Mr. David King
Sunrise Power Company, LLC
12857 Sunrise Power Road
Fellows, CA 93224

RE: Sunrise CEC Condition SW-4 Annual Compliance Report

Dear Mr. King:

In accordance with Sunrise Power Company, LLC for CEC Condition of Certification SW-4, West Kern Water District hereby confirms that the Out-of-Basin Water Supply Plan contract has been in effect at all times during operation of the project since the contract execution on October 24, 2002. The contract continues to be in effect throughout February 11, 2016.

Sincerely,


Wendy Adams-Rosenberger
Regulatory Administrator

SUNRISE POWER COMPANY
2015 Groundwater Purchased from WKWD

Month	Total Volume		Average Flowrate (gpm)
	(gallons)	(acre-feet)	
January	65,618,893	201.45	1,470
February	902,280	2.77	22
March	-	0	-
April	-	0	-
May	21,117,264	64.83	473
June	94,498,371	290.11	2,187
July	100,110,749	307.34	2,243
August	87,026,059	267.17	1,950
September	92,570,033	284.19	2,143
October	90,843,648	278.89	2,035
November	64,071,661	196.7	1,483
December	71,006,515	217.99	1,591
2015 Monthly Minimum	-	-	-
2015 Monthly Maximum	100,110,749	307	2,243
2015 Monthly Average	57,313,789	176	1,300
2015 Total	687,765,472	2,111	15,597
Historical Yearly Minimum	408,810,000	1,226	
Historical Yearly Maximum	1,008,133,333	3,024	
Historical Yearly Average	774,110,212	2,338	

**SUNRISE POWER CO.
Banked Water Balance 2015
West Kern Water District**

<u>Month</u>	<u>Water Available For Recharge Acre Ft.</u>	<u>Evaporation Losses @ 6% Acre Ft.</u>	<u>Recharge Water Available For Pumping Acre Ft.</u>	<u>Water Pumped Acre Ft.</u>	<u>Net Banked Water Balance Acre Ft.</u>
End of 2014					6,886
January				201.45	6,685
February				2.77	6,682
March				0.00	6,682
April				0.00	6,682
May				64.83	6,617
June				290.11	6,327
July				307.34	6,020
August				267.17	5,752
September				284.19	5,468
October				278.89	5,189
November				196.70	4,993
December	3,400.00	204.00	3,196.00	217.99	7,971
				2,111.44	

WKWD transfer of 3,400 AF from Sunrise banked water account

Attachment F

SW-7

Wastewater Discharge Summary

SUNRISE POWER COMPANY
2015 Wastewater Injection Volumes

Month	Well A-72T	Well B-122	Well WW3	Well WW4	Total Volume		Average Flowrate	
	(gal)	(gal)	(gal)	(gal)	(gal)	(acre-ft)	(gpm)	(acre-ft/yr)
Jan	-	-	6,530,896	4,594,136	11,125,032	34.1	249	402
Feb	-	-	3,371,672	82,896	3,454,568	10.6	86	138
Mar	-	-	3,742,400	10,088	3,752,488	11.5	84	136
Apr	-	-	3,573,320	0	3,573,320	11.0	83	133
May	-	-	4,246,376	605,880	4,852,256	14.9	109	175
Jun	-	-	6,265,760	3,446,768	9,712,528	29.8	225	363
Jul	-	-	5,230,864	2,054,280	7,285,144	22.4	163	263
Aug	-	-	4,886,896	1,485,448	6,372,344	19.6	143	230
Sep	-	-	4,233,224	3,775,248	8,008,472	24.6	185	299
Oct	-	-	598,208	4,638,592	5,236,800	16.1	117	189
Nov	-	-	492,264	3,514,736	4,007,000	12.3	93	150
Dec	-	-	738,808	3,017,312	3,756,120	11.5	84	136
Year Average					5,928,006	18.2	135	218
Year Total					71,136,072	218.3		
Historical Yearly Minimum					55,343,426	169.8		
Historical Yearly Maximum					177,962,512	546.2		
Historical Yearly Average					101,075,552	310.2		