



Sunrise Power Company, LLC

Box 81617, Bakersfield, CA 93380-1617

661-615-4630

Kelly S. Lucas, Executive Director

VIA FEDERAL EXPRESS

November 17, 2010

SU-2978

Mr. Christopher Davis
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814-5512

Re: Sunrise Power Company, LLC (98-AFC-4C)
Revised Petition For Minor Modification

Dear Mr. Davis:

Sunrise Power Company, LLC (Sunrise) recently submitted an ATC modification application to the San Joaquin Valley Air Pollution Control District (SJVAPCD) requesting that the respective PTO for turbine S-3746-1-7 and for turbine S-3746-2-7 be modified to reflect changes in SJVAPCD Rule 4703. Since Condition #21 defines the time limits for cold, warm, and hot startups and shutdowns, Conditions #20 and #26 are no longer required. As such, the attached ATC modification application requests the removal of conditions #20 and #26 from the SJVAPCD PTO's S-3746-1-7 and S-3746-2-7 (Attachment 2). Associated with this modification, Sunrise is also requesting that CEC condition of certification AQ-49 be removed, and that the language contained in the last sentence of AQ-10 be amended for consistency between the two permits. As such, Sunrise requests that the last sentence of AQ-10 be replaced with the language in PTO Condition #21 that reads: "Startup and shutdown durations shall not exceed 60 minutes for a hot startup, 128 minutes for a warm startup, and 230 minutes for a cold startup, and one hour for a shutdown, per occurrence."

Sunrise also found within the CEC conditions of certification that Condition AQ-26 references a condition that no longer exists in the PTO, and that Condition AQ-59 requires weekly cooling-tower water-sampling. Sunrise is requesting that AQ-26 be deleted for consistency with the PTOs as the SJVAPCD removed this condition from the PTO in 2002 as the plant's low emission rates made this condition unnecessary. As to Condition AQ-59, Sunrise requests that it be modified to be consistent with the Cooling Tower PTO Condition 5 that was changed in 2002 requiring a quarterly water-sampling frequency versus weekly. The SJVAPCD modified

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84-AFC-4C

DATE	NOV 17 2010
RECD.	NOV 19 2010

this condition as quarterly sampling was deemed a more reasonable determination of compliance based on this type of process.

Sunrise, in seeking consistency between the PTOs, is requesting that the CEC withdraw Sunrise's original petition for a minor modification submitted on August 13, 2010, and replace it with this revised petition for minor modification based on discussions with the CEC staff.

If you have any questions, please contact Rob Hiestand at (661) 615-4781 or Daniel Beck at (661) 615-4660.

A handwritten signature in black ink that reads "Kelly Lucas". The signature is written in a cursive, flowing style.

RWH: yh

Attachments

xc: D. Jordan – EPA
R. Fletcher - CARB

Attachment 1

CEC Revised Petition for Minor Modification

1.0 OVERVIEW

Sunrise Power Company (Sunrise) received original approval (98-AFC-4C) in November 2001 from the California Energy Commission (CEC) for a 585 megawatt (MW) combined cycle power plant in Kern County, California. The facility consists of two (2) 160 MW (nominal) natural-gas fired General Electric Frame 7FA combustion turbines equipped with dry Low NO_x (DLN) combustors, two (2) duct fired heat recovery steam generators (HRSGs), and one (1) 265 MW steam turbine generator (STG). The plant also utilizes an anhydrous ammonia selective catalytic reduction system for emissions controls of NO_x and CO. Sunrise is owned jointly by Chevron and Edison Mission Energy.

Sunrise Power Company, LLC (Sunrise) recently submitted an ATC modification application to the San Joaquin Valley Air Pollution Control District (SJVAPCD) requesting that the respective PTO for turbine S-3746-1-7 and for turbine S-3746-2-7 be modified to reflect changes in SJVAPCD Rule 4703. Since Condition #21 defines the time limits for cold, warm, and hot startups and shutdowns, Conditions #20 and #26 are no longer required. As such, the attached ATC modification application requests the removal of conditions #20 and #26 from the SJVAPCD PTO's S-3746-1-7 and S-3746-2-7 (Attachment 2). Associated with this modification, Sunrise is also requesting that CEC condition of certification AQ-49 be removed, and that the language contained in the last sentence of AQ-10 be amended for consistency between the two permits. As such, Sunrise requests that the last sentence of AQ-10 be replaced with the language in PTO Condition #21 that reads: "Startup and shutdown durations shall not exceed 60 minutes for a hot startup, 128 minutes for a warm startup, and 230 minutes for a cold startup, and one hour for a shutdown, per occurrence."

Sunrise also found within the CEC conditions of certification that Condition AQ-26 references a condition that no longer exists in the PTO, and that Condition AQ-59 requires weekly cooling-tower water-sampling. Sunrise is requesting that AQ-26 be deleted for consistency with the PTOs as the SJVAPCD removed this condition from the PTO in 2002 as the plant's low emission rates made this condition unnecessary. As to Condition AQ-59, Sunrise requests that it be modified to be consistent with the Cooling Tower PTO Condition 5 that was changed in 2002 requiring a quarterly water-sampling frequency versus weekly. The SJVAPCD modified this condition as quarterly sampling was deemed a more reasonable determination of compliance based on this type of process.

Sunrise, in seeking consistency between the PTOs, is requesting that the CEC withdraw Sunrise's original petition for a minor modification submitted on August 13, 2010, and replace it with this revised petition for minor modification based on discussions with the CEC staff.

This petition for a post-certification amendment is being submitted under the provisions of Section 1769 of Title 20, California Administrative Code (*CEC Rules of Practice and Procedure and Power Plant Site Certification Regulations*) to seek a minor modification to the conditions of certification. The requirement appears in ***italics*** followed by a narrative response.

2.0 INFORMATION REQUIRED BY SECTION 1769

(A) A complete description of the proposed modifications, including new language for any conditions that will be affected

Sunrise Power Company, LLC (Sunrise) recently submitted an ATC modification application to the San Joaquin Valley Air Pollution Control District (SJVAPCD) requesting that the respective PTO for turbine S-3746-1-7 and for turbine S-3746-2-7 be modified to reflect changes in SJVAPCD Rule 4703. Since Condition #21 defines the time limits for cold, warm, and hot startups and shutdowns, Conditions #20 and #26 are no longer required. As such, the attached ATC modification application requests the removal of conditions #20 and #26 from the SJVAPCD PTO's S-3746-1-7 and S-3746-2-7 (Attachment 2). Associated with this modification, Sunrise is also requesting that CEC condition of certification AQ-49 be removed, and that the language contained in the last sentence of AQ-10 be amended for consistency between the two permits. As such, Sunrise requests that the last sentence of AQ-10 be replaced with the language in PTO Condition #21 that reads: "Startup and shutdown durations shall not exceed 60 minutes for a hot startup, 128 minutes for a warm startup, and 230 minutes for a cold startup, and one hour for a shutdown, per occurrence."

Sunrise also found within the CEC conditions of certification that Condition AQ-26 references a condition that no longer exists in the PTO, and that Condition AQ-59 requires weekly cooling-tower water-sampling. Sunrise is requesting that AQ-26 be deleted for consistency with the PTOs as the SJVAPCD removed this condition from the PTO in 2002 as the plant's low emission rates made this condition unnecessary. As to Condition AQ-59, Sunrise requests that it be modified to be consistent with the Cooling Tower PTO Condition 5 that was changed in 2002 requiring a quarterly water-sampling frequency versus weekly. The SJVAPCD modified this condition as quarterly sampling was deemed a more reasonable determination of compliance based on this type of process.

(B) A discussion of the necessity for the proposed modifications

The proposed modification is based on the recent changes to SJVAPCD Rule 4703 that no longer reference or specify a time period for thermal stabilization. Conditions #20 and #26 from each of the PTOs reference thermal stabilization and a time limit that is no longer applicable. Sunrise PTO's already have defined time limits for cold, warm, and hot startups and shutdowns in condition #21 of the same PTO's. All other modifications are based upon references to the PTO that either do not exist, or have been modified by SJVAPCD permit staff for applicability and rule revisions.

(C) If the modification is based on information that was known by the petitioner during the certification proceeding, an explanation why the issue was not raised at that time

The modification is not based on information that was known to the petitioner at the time of the certification. The proposed modification is based on the recent changes to SJVAPCD Rule 4703 that no longer references or specifies a time period for thermal stabilization. Conditions #20 and #26 from each of the PTOs reference thermal stabilization and a time limit that is no longer applicable. The Sunrise PTO's already

have defined time limits for cold, warm, and hot startups and shutdowns in condition #21 of the same. All other PTO modifications have been made by SJVAPCD staff during PTO revisions following the plants certification proceeding.

(D) If the modification is based on new information that changes or undermines the assumptions, rationale, findings, or other bases of the final decision, an explanation of why the change should be permitted

The proposed modification is based on the recent changes to SJVAPCD Rule 4703 that no longer references or specifies a time period for thermal stabilization. Conditions #20 and #26 from each of the PTOs reference thermal stabilization and a time limit that is no longer applicable. The Sunrise PTO's already have defined time limits for cold, warm, and hot startups and shutdowns in condition #21 of the same PTO's. All other PTO modifications have been made by SJVAPCD staff during PTO revisions following the plants certification proceeding.

The modification does not change or undermine the assumptions, rationale, findings, or other bases of the final decision. Therefore, the change should be permitted.

(E) An analysis of the impacts the modification may have on the environment and proposed measures to mitigate any significant adverse impacts

This minor amendment will not change the operation of the facility, nor will it have an impact on air quality since the facility already operates under other PTO conditions that define time limits for stopping, cold, warm, and hot startups. The additional modifications are based on PTO modifications completed by SJVAPCD staff in 2002. This modification would modify the CEC COC's to be consistent with the PTO's. No other environmental issues or concerns are affected by the proposed change and no additional analysis is needed to evaluate other environmental areas.

(F) A discussion of the impact of the modification on the facility's ability to comply with applicable laws, ordinances, regulations, and standards

The proposed changes do not affect Sunrise's ability to comply with applicable laws ordinances, regulations, and standards.

(G) A discussion of how the modification affects the public

This minor amendment will not affect the public since this change does not change the operation of the facility, nor will it have an impact on air quality since the facility already operates under other PTO conditions that define time limits for stopping, cold, warm, and hot startups.

(H) A list of property owners potentially affected by the modification

There are no property owners that will be affected by the proposed modification. A single property owner is located within 1000 feet of the Sunrise site, Chevron. The applicable contact information for Chevron is provided below:

	Physical Address	Mailing Address
Chevron	26251 Highway 33 Fellows, CA 93224	26251 Highway 33 Fellows, CA 93224

(l) *A discussion of the potential effect on near by property owners, the public and the parties in the application proceedings*

The proposed revisions will not affect nearby property owners.

3.0 SCHEDULE

Due to the insignificant nature of these changes Sunrise respectfully requests that the CEC process this petition to approve the described changes as expeditiously as is possible.

4.0 PETITION CONTACTS

Questions regarding this petition should be directed to:

Rob Hiestand
Regulatory Compliance Coordinator
Sunrise Power Company, LLC
P.O. Box 81617
Bakersfield, CA 93380
Phone: (661) 615-4781
Fax: (661) 615-4610

Daniel Beck
HES Supervisor
Sunrise Power Company, LLC
P.O. Box 81617
Bakersfield, CA 93380
Phone: (661) 615-4660
Fax: (661) 615-4610

5.0 SUMMARY

Sunrise Power Company, LLC (Sunrise) recently submitted an ATC modification application to the San Joaquin Valley Air Pollution Control District (SJVAPCD) requesting that the respective PTO for turbine S-3746-1-7 and for turbine S-3746-2-7 be modified to reflect changes in SJVAPCD Rule 4703. Since Condition #21 defines the time limits for cold, warm, and hot startups and shutdowns, Conditions #20 and #26 are no longer required. As such, the attached ATC modification application requests the removal of conditions #20 and #26 from the SJVAPCD PTO's S-3746-1-7 and S-3746-2-7 (Attachment 2). Associated with this modification, Sunrise is also requesting that CEC condition of certification AQ-49 be removed, and that the language contained in the last sentence of AQ-10 be amended for consistency between

the two permits. As such, Sunrise requests that the last sentence of AQ-10 be replaced with the language in PTO Condition #21 that reads: "Startup and shutdown durations shall not exceed 60 minutes for a hot startup, 128 minutes for a warm startup, and 230 minutes for a cold startup, and one hour for a shutdown, per occurrence."

Sunrise also found within the CEC conditions of certification that Condition AQ-26 references a condition that no longer exists in the PTO, and that Condition AQ-59 requires weekly cooling-tower water-sampling. Sunrise is requesting that AQ-26 be deleted for consistency with the PTOs as the SJVAPCD removed this condition from the PTO in 2002 as the plant's low emission rates made this condition unnecessary. As to Condition AQ-59, Sunrise requests that it be modified to be consistent with the Cooling Tower PTO Condition 5 that was changed in 2002 requiring a quarterly water-sampling frequency versus weekly. The SJVAPCD modified this condition as quarterly sampling was deemed a more reasonable determination of compliance based on this type of process.

This minor amendment will not change the operation of the facility, nor will it have an impact on air quality since the facility already operates under other PTO conditions that define time limits for stopping, cold, warm, and hot startups, as well as the sampling frequency of the cooling tower. Due to the insignificant nature of these changes Sunrise respectfully requests that the CEC process this petition to approve the described changes as expeditiously as is possible.

Based on this expedited processing of this petition is respectfully requested.

Attachment 2

SJVAPCD ATC application



Sunrise Power Company, LLC

Box 81617, Bakersfield, CA 93380-1617 •

661-615-4630

Kelly S. Lucas, Executive Director

VIA FAX AND MAIL

June 21, 2010

SU-2888

Ms. Gurpreet Brar
San Joaquin Valley APCD – Central Region
1990 E. Gettysburg Ave.
Fresno, CA 93726

Re: **Minor Modification Application for S-3746-1-7 and S-3746-2-7**

Dear Ms. Brar:

Based on a recent telephone conversation between yourself and Rob Hiestand of our staff, Sunrise is requesting that the recently issued PTO's for both turbines S-3746-1-7 and S-3746-2-7 be modified to reflect the changes to Rule 4703 that no longer reference or specify a time period for thermal stabilization. Conditions #20 and #26 from each of the recently issued PTOs still reference thermal stabilization and a time limit that is no longer applicable. In addition, the Sunrise PTOs already have defined time limits for cold, warm, and hot startups and shutdowns in condition #21 of the same PTO's. As such, the enclosed ATC modification application requests the removal of conditions #20 and #26 from PTO's S-3746-1-7 and S-3746-2-7. Attached is a check for the application fees.

If you have any questions, please contact Rob Hiestand at (661) 615-4781 or Daniel Beck at (661) 615-4660.

RWH:klz

Attachments

xc: C. Davis – CEC
L. Scandura – SJVAPCD-Southern Region
S. Frey - EPA
D. Jordan - EPA (Attn: AIR-5)
R. Fletcher – CARB

ATC Modification Package

San Joaquin Valley Unified Air Pollution Control District

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE
 MINOR PERMIT MODIFICATION AMENDMENT

COMPANY NAME: Sunrise Power Company, LLC	FACILITY ID: 5 3746
1. Type of Organization: <input type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input checked="" type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: Sunrise Power Company, LLC	
3. Agent to the Owner: Kelly S. Lucas	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:

Kelly Lucas
 Signature of Responsible Official

6/21/2010
 Date

KELLY LUCAS
 Name of Responsible Official (please print)


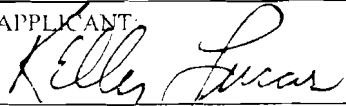
EXECUTIVE DIRECTOR
 Title of Responsible Official (please print)

San Joaquin Valley Air Pollution Control District

www.valleyair.org

Permit Application For:

- AUTHORITY TO CONSTRUCT (ATC) - New Emission Unit
- AUTHORITY TO CONSTRUCT (ATC) - Modification Of Emission Unit With Valid PTO/Valid ATC
- AUTHORITY TO CONSTRUCT (ATC) - Renewal of Valid Authority to Construct
- PERMIT TO OPERATE (PTO) - Existing Emission Unit Now Requiring a Permit to Operate

1. PERMIT TO BE ISSUED TO: Sunrise Power Company, LLC	
2. MAILING ADDRESS: STREET/P.O. BOX _____ P.O. Box 81617 CITY _____ Bakersfield _____ STATE _____ CA _____ ZIP CODE _____ 93386-1617	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET _____ 12857 Sunrise Power Road _____ CITY _____ Bakersfield _____ _____ East _____ /4 SECTION _____ 23 _____ TOWNSHIP _____ 31 _____ RANGE _____ 22 _____	WITHIN 1,000 FT OF A SCHOOL? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SIC CODE(S) OF FACILITY (If known): 4911
4. GENERAL NATURE OF BUSINESS: Generation of electricity	INSTALL DATE _____
5. TITLE V PERMIT HOLDERS ONLY: Do you request a COC (EPA Review) prior to receiving your ATC (If yes, please complete and attach a Compliance Certification form (TYFORM-009))? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
6. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) Sunrise is requesting to remove conditions #20 and #26 of PTO S-3746-1-7 to reflect the changes to Rule 4703 that no longer reference or specify a time period for thermal stabilization.	
7. PERMIT REVIEW PERIOD: Do you request a three- or ten-day period to review the draft Authority to Construct permit? Please note that checking "YES" will delay issuance of your final permit by a corresponding number of working days. See instructions for more information on this review process. <input type="checkbox"/> 3-day review <input checked="" type="checkbox"/> 10-day review <input type="checkbox"/> No review requested	
8. HAVE YOU EVER APPLIED FOR AN ATC OR PTO IN THE PAST? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, ATC/PTO #: S-3746	Optional Section 11. DO YOU WANT TO RECEIVE INFORMATION ABOUT EITHER OF THE FOLLOWING VOLUNTARY PROGRAMS? <input type="checkbox"/> "HEALTHY AIR LIVING (HAL) BUSINESS PARTNER" <input type="checkbox"/> "INSPECT" 
9. IS THIS APPLICATION FOR THE CONSTRUCTION OF A NEW FACILITY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes" is checked, please complete the CEQA Information form)	
10. IS THIS APPLICATION SUBMITTED AS THE RESULT OF EITHER A NOTICE OF VIOLATION OR A NOTICE TO COMPLY? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, NOV/NTC #: 5005037	
12. TYPE OR PRINT NAME OF APPLICANT: Kelly S. Lucas	TITLE OF APPLICANT: EXECUTIVE DIRECTOR
13. SIGNATURE OF APPLICANT:  DATE: 6/21/2010	PHONE #: (661) 615-4630 FAX #: (661) 615-4610 E-MAIL: rwhiestand@svcamore.com

FOR APCD USE ONLY:



DATE STAMP:	FILING FEE RECEIVED: \$ _____ CHECK #: _____
	DATE PAID: _____
	PROJECT #: _____ FACILITY ID: _____

San Joaquin Valley Air Pollution Control District

www.valleyair.org

Permit Application For:

- AUTHORITY TO CONSTRUCT (ATC) - New Emission Unit
- AUTHORITY TO CONSTRUCT (ATC) - Modification Of Emission Unit With Valid PTO/Valid ATC
- AUTHORITY TO CONSTRUCT (ATC) - Renewal of Valid Authority to Construct
- PERMIT TO OPERATE (PTO) - Existing Emission Unit Now Requiring a Permit to Operate

1. PERMIT TO BE ISSUED TO: Sunrise Power Company, LLC		
2. MAILING ADDRESS: STREET/P.O. BOX <u>P.O. Box 81617</u> CITY <u>Bakersfield</u> STATE <u>CA</u> 5-DIGIT ZIP CODE <u>93380-1617</u>		
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET <u>12852 Sunrise Power Road</u> CITY <u>Fellows</u> <u>East</u> /4 SECTION <u>23</u> TOWNSHIP <u>31</u> RANGE <u>22</u>		WITHIN 1,000 FT OF A SCHOOL? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO S.I.C. CODE(S) OF FACILITY (If known) 4911
4. GENERAL NATURE OF BUSINESS: Generation of electricity		INSTALL DATE:
5. TITLE V PERMIT HOLDERS ONLY: Do you request a COC (EPA Review) prior to receiving your ATC (If yes, please complete and attach a Compliance Certification form (TYFORM-009)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
6. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) Sunrise is requesting to remove conditions #20 and #26 of PTO S-3746-2-7 to reflect the changes to Rule 4703 that no longer reference or specify a time period for thermal stabilization.		
7. PERMIT REVIEW PERIOD: Do you request a three- or ten-day period to review the draft Authority to Construct permit? Please note that checking "YES" will delay issuance of your final permit by a corresponding number of working days. See instructions for more information on this review process. <input type="checkbox"/> 3-day review <input checked="" type="checkbox"/> 10-day review <input type="checkbox"/> No review requested		
8. HAVE YOU EVER APPLIED FOR AN ATC OR PTO IN THE PAST? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, ATC/PTO #: <u>S-3746</u>	9. IS THIS APPLICATION FOR THE CONSTRUCTION OF A NEW FACILITY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes" is checked, please complete the CEQA Information form)	Optional Section 11. DO YOU WANT TO RECEIVE INFORMATION ABOUT EITHER OF THE FOLLOWING VOLUNTARY PROGRAMS? <input type="checkbox"/> "HEALTHY AIR LIVING (HAL) BUSINESS PARTNER" <input type="checkbox"/> "INSPECT"  
10. IS THIS APPLICATION SUBMITTED AS THE RESULT OF EITHER A NOTICE OF VIOLATION OR A NOTICE TO COMPLY? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, NOV/NTC #: <u>5005037</u>		
12. TYPE OR PRINT NAME OF APPLICANT: Kelly S. Lucas		TITLE OF APPLICANT: <u>EXECUTIVE DIRECTOR</u>
13. SIGNATURE OF APPLICANT: <u>Kelly Lucas</u> DATE: <u>6/21/2010</u>		PHONE #: (661) 615-4630 FAX #: (661) 615-4610 E-MAIL: rwhicstand@sycamore.com

FOR APCD USE ONLY:

DATE STAMP:	FILING FEE RECEIVED: \$ _____ CHECK #: _____
	DATE PAID: _____
	PROJECT #: _____ FACILITY ID: _____