

## Notice of Decision by the California Energy Commission

To: X Office of Planning and Research  
P.O. Box 3044  
1400 Tenth Street, Room 222  
Sacramento, CA 98512-3044

Clearinghouse No: 99109063

X California Resources Agency  
1416 9th Street, Room 1311  
Sacramento, CA 95814

From: California Energy Commission  
1516 9th Street MS-2000  
Sacramento, CA 95814

**Subject:** Filing of Notice of Decision in compliance with Public Resources Code Section 21080.5 and Title 20, California Code of Regulations, Section 1768

**Project Title:** REDUCTION OF PM<sub>10</sub> EMISSION LIMITS  
FOR THE LA PALOMA GENERATING PROJECT

**Energy Commission Docket Number:** 98-AFC-2C

**Energy Commission Contact Person:** Nancy Tronaas Telephone: 916-654-3864

**Project Location:** 1.9 miles east of the town of McKittrick in Kern County, California

**Project Description:**

The La Paloma Generating Project is a nominal 1,124 MW natural-gas-fired power plant that was certified by the Energy Commission in October 1999, and commenced commercial operation in January through March 2003. This project amendment revises air quality Conditions of Certification AQ-12, -13 and -14 to allow for a reduction of PM<sub>10</sub> (particulate matter) emission limits based on the outcome of combustion turbine initial source tests that were conducted in 2002.

On April 30, 2003 the California Energy Commission approved the above-described project pursuant to a regulatory program certified by the California Secretary of Resources under Section 21080.5 of the California Public Resources Code.

1. The project will not have a significant effect on the environment.
2. Mitigation measures were made a condition of approval of the project.
3. A statement of Overriding Considerations was not adopted for the project.

The Commission's docket files containing the final Commission Decision and other information regarding the project are available to the public at: California Energy Commission, 1516 9th Street, Sacramento, California, 95814. The final Decision and other information regarding the project are also available on the Commission's web site--[www.energy.ca.gov](http://www.energy.ca.gov).

Nancy Tronaas  
Signature

April 30, 2003  
Date

Compliance Project Mgr  
Title

OPR:

Resources:



STATE OF CALIFORNIA  
State Energy Resources  
Conservation and Development Commission

In the Matter of:	)	Docket No. 98-AFC-2C
	)	Order No. 03-0430-01(a)
LA PALOMA GENERATING PROJECT	)	
	)	<b>COMMISSION ORDER APPROVING</b>
<u>Petition to Reduce PM<sub>10</sub> Emission Limits</u>	)	<b>PROJECT MODIFICATIONS</b>

On April 1, 2003, the La Paloma Generating Company, LLC, submitted a Petition to revise air quality Conditions of Certification AQ-12, -13, and -14 to reduce PM<sub>10</sub> emission limits. At a regularly scheduled Business Meeting on April 30, 2003, the Energy Commission considered staff's analysis and approved the revised air quality Conditions of Certification to reduce PM<sub>10</sub> emission limits in accordance with Title 20, section 1769(a)(3) of the California Code of Regulations.

COMMISSION FINDINGS

Based on staff's analysis, the Energy Commission concludes that the proposed changes will not result in any significant impact to public health and safety, or the environment. The Energy Commission finds that:

- A. There will be no new or additional unmitigated significant environmental impacts associated with the proposed changes.
- B. The facility will remain in compliance with all applicable laws, ordinances, regulations, and standards, subject to the provisions of Public Resources code section 25525.
- C. The change will be beneficial to the project owner by allowing for conservation of PM<sub>10</sub> emission reduction credits.
- D. There has been a substantial change since the Energy Commission's certification based on the project owner's re-evaluation of operational information that was not available during the siting phase.

CONCLUSION AND ORDER

The California Energy Commission hereby adopts the following changes to the La Paloma Generating Project Decision (added text is underlined, deleted text is shown in ~~striketrough~~.)

REVISIONS TO EXISTING CONDITIONS OF CERTIFICATION

**AQ-12** Emission rates from each gas turbine engine heat recovery steam generator exhaust, except during startup and/or shutdown, shall not exceed the following:

PM10: ~~47.20~~ 11.0 lb/hr  
SO<sub>x</sub> (as SO<sub>2</sub>): 3.89 lb/hr  
NO<sub>x</sub> (as NO<sub>2</sub>): 17.30 lb/hr and 2.5 ppmvd @ 15% O<sub>2</sub>  
VOC: as propane 2.80 lb/hr and 0.7 ppmvd @ 15% O<sub>2</sub>  
CO: 31.40 lb/hr and either 10 ppmvd @ 15% O<sub>2</sub> at operating loads less than or equal to 221 MW (gross three hour average), or 6 ppmvd @ 15% O<sub>2</sub> at operating loads greater than 221 MW (gross three hour average)  
ammonia: 10 ppmvd @ 15% O<sub>2</sub> (except for the SCONO<sub>x</sub> equipped unit).

NO<sub>x</sub> (as NO<sub>2</sub>) emission limit is a one hour rolling average. Ammonia emission limit is a twenty four hour rolling average. All other emission limits are three hour rolling averages. [District Rules 2201, 4001, and 4703]

**Verification:** The project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-28.

**AQ-13** Emission rates from each gas turbine engine heat recovery steam generator exhaust, on days when a startup or shutdown occurs, shall not exceed the following:

PM10: ~~442.8~~ 264.0 lb/day  
Sox (as SO<sub>2</sub>): 89.5 lb/day  
NO<sub>x</sub> (as NO<sub>2</sub>): 511.4 lb/day  
VOC: 139.8 lb/day  
CO: 1,873.0 lb/day  
[District Rule 2201]

**Verification:** The project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-28.

**AQ-14** Twelve month rolling average emissions from each gas turbine engine heat recovery steam generator exhaust shall not exceed the following:

PM10: ~~442,320~~ 96,360 lb/year  
SO<sub>x</sub> (as SO<sub>2</sub>): 29,959 lb/year  
NO<sub>x</sub> (as NO<sub>2</sub>): 144,093 lb/year  
VOC: 24,865 lb/year  
CO: 209,029 lb/year  
[District Rule 2201]

April 30, 2003

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**Verification:** The project owner shall provide records of the emissions as part of the quarterly reports of Condition AQ-28.

IT IS SO ORDERED.

STATE OF CALIFORNIA  
ENERGY RESOURCES  
CONSERVATION AND  
DEVELOPMENT COMMISSION

April 30, 2003

DATE

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WILLIAM J. KEESE

Chairman