

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5112

January 18, 2008

Dear Librarian:

**DOCUMENT HANDLING FOR THE CANYON POWER PLANT PROJECT
APPLICATION FOR CERTIFICATION (07-AFC-9)**

DOCKET	
07-AFC-9	
DATE	JAN 18 2008
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On December 28, 2007, Southern California Public Power Authority (the applicant) submitted an Application for Certification (AFC) to construct and operate a nominal 200-megawatt (MW) natural gas-fired simple-cycle generating facility, the Canyon Power Plant (Canyon), in an industrial area of the city of Anaheim (Anaheim) which is located northern Orange County.

The Canyon project is under the Energy Commission's siting authority. The power plant certification process examines engineering, environmental, public health, and safety aspects of power plant proposals and provides analyses pursuant to the California Environmental Quality Act (CEQA). When issuing a certificate, the Energy Commission is the lead state agency under CEQA, and its process is functionally equivalent to the preparation of an Environmental Impact Report.

The Energy Commission's siting process is open to the public and incorporates the input of the public as well as local, state, and federal agencies. To facilitate public participation in our review process, the Energy Commission has sent copies of the AFC to libraries in the project area, and to libraries in Eureka, San Francisco, Sacramento, Fresno, Los Angeles, and San Diego.

Please make the enclosed AFC available for those who may wish to be informed about the project. We request that you not allow the AFC or any of its contents be removed from the library. To increase accessibility of the document, we ask, if possible, that you cross reference it as a general reference work under the title and author categories, as well as under such subjects as "Energy Commission," "electricity," "energy/generation," "power plant siting," or any other relevant subject.

Thank you for your cooperation. If you have any questions, please contact Che McFarlin, Energy Commission Project Manager, at (916) 651-0965, or by email at cmcfarli@energy.state.ca.us or April Esau, Project Secretary, at (916) 653-1640, or by e-mail at aesau@energy.state.ca.us.

Sincerely,

Eileen Allen, Manager
Energy Facilities Siting and Compliance Office

Enclosure

CALIFORNIA ENERGY COMMISSION1516 NINTH STREET
SACRAMENTO, CA 95814-5112

January 18, 2008

To: MEMBERS OF THE PUBLIC**PUBLIC PARTICIPATION IN THE REVIEW OF THE CANYON POWER PLANT PROJECT, APPLICATION FOR CERTIFICATION (07-AFC-9)**

On December 28, 2007, Southern California Public Power Authority submitted an Application for Certification (AFC) to construct and operate a nominal 200-megawatt (MW) natural gas-fired simple-cycle generating facility, the Canyon Power Plant (Canyon), in the city of Anaheim (Anaheim) which is located northern Orange County. This project is proposed as a 12-month AFC. The start of construction is planned for the third quarter of 2009 with commercial operation planned to begin in the third quarter of 2010.

Project Description

The Canyon project would be a peaking power plant using four natural gas-fired combustion turbine generators (CTGs). The generation facility would utilize General Electric LM 6000PC Sprint combustion turbine units equipped with inlet air evaporative coolers, a mechanical-draft cooling tower, step up transformers, buried electric transmission lines, air emissions control equipment, aqueous ammonia storage tank, and two water storage tanks. The facility's design also includes a new natural gas pipeline, a reclaimed water supply pipeline, a connection to Anaheim's potable water, a connection to Orange County's Sanitation District's (OCSD) sewer system, and a connection to Anaheim's stormwater drainage system.

The proposed Canyon project site is located in Anaheim at 3071 East Miraloma Avenue on a 10-acre parcel located within an industrial area. Anaheim is bordered on the north by the City of Placentia. To the south, Anaheim is bordered by the Santa Ana River corridor, the City of Orange, and a small unincorporated area of Orange County. The Santa Ana River corridor runs east-west and is approximately one mile south of the project site. Directly east of the project site are several groundwater recharge facilities operated and maintained by the Orange County Water District. Kraemer Basin, a groundwater recharge facility, is located directly east of the project area.

The plant's design incorporates air pollution emission controls including water injection for the combustion turbines, a selective catalytic reduction system (SCR) to control oxides of nitrogen (NOX) emissions, and an oxidation catalyst system to control carbon monoxide (CO) and volatile organic compound (VOC) emissions.

The proposed power plant would interconnect with two existing transmission lines via four new underground transmission cables which will exit the project site from a new on-site 69 kilo volt (kV) switchyard. Two of the underground transmission cables would interconnect

to the city of Anaheim's Vermont-Yorba line on East Miraloma Avenue directly south of the project site. The other two underground transmission cables would interconnect to the city's Dowling-Yorba line at East La Palma Avenue approximately 7,000 feet away.

Natural gas for the Canyon project will be supplied from a new 12-inch, 3,400-foot-long natural gas pipeline to be owned and maintained by SoCal Gas Company.

The primary source of process water for the project will be reclaimed water supplied from Orange County Water District's and OCSD's joint groundwater replenishment system. Municipal water will be used as a backup water supply.

The Canyon Power Plant's process wastewater such as blowdown from the chilled water system cooling tower, reject water from the reverse osmosis system, and domestic sanitary wastewater, will be directed to a wastewater oil-water separator. Equipment areas that may contain oily residue will be located within concrete spill-containment berms that drain to the oil-water separator. After passing through the oil-water separator, wastewater will flow into the sewer system.

CTG water wash can contain solvents or biodegradable detergents. This wastewater stream can be considered hazardous when it contains solvent-based cleaning solutions and will not be sent to the sanitary sewer system. Underground 2,000-gallon-capacity water wash tanks will be provided to collect and store CTG solvent-based wastewater. When the cleaning solution is a biodegradable detergent the waste portion of the CTG water wash will be sent directly to the sanitary sewer.

Stormwater from the site that has the potential to come into contact with plant equipment will flow through an underground piping system to an onsite underground multi-chamber treatment device that removes sediment, coarse materials, and oil from the water before being directed to an underground percolation vault. Stormwater that does not have the potential to come into contact with plant equipment and is therefore not required to be treated will flow directly into the underground percolation vault. The percolation vault will include an overflow outlet and pipe to allow for stormwater in excess of the 25-year storm event to flow to the municipal storm drain system.

Energy Commission's Facility Certification Process

The Energy Commission is responsible for reviewing and ultimately approving or denying all thermal electric power plants, 50 MW and greater, proposed for construction in California. The Energy Commission's facility certification process carefully examines public health and safety, environmental impacts and engineering aspects of proposed power plants, and all related facilities such as electric transmission lines, water, sewer, and natural gas pipelines. The Energy Commission is the lead agency under the California Environmental Quality Act, except the Energy Commission's analysis takes the form of several environmental and decision documents rather than an Environmental Impact Report. The Canyon project will be evaluated under the Energy Commission's 12 month AFC review process.

Public Participation

Over the coming months, the Energy Commission will conduct a number of public workshops and hearings on the proposal to determine whether the project should be approved for construction and operation and under what set of conditions. These workshops will provide the public as well as local, state and federal agencies the opportunity to ask questions about, and provide input on, the proposed project. The Energy Commission will issue notices for these workshops and hearings at least 10 days prior to the meeting. If you are not currently receiving these notices and want to be placed on the mailing list, please contact April Esau, Project Secretary, at (916) 653-1640, or by e-mail at aesau@energy.state.ca.us.

If you desire information on participating in the Energy Commission's review of the project, please contact the Energy Commission Public Adviser Office, at (916) 654-4489 or toll free in California, at (800) 822-6228. Technical or project schedule questions should be directed to Che McFarlin, Energy Commission Project Manager, at (916) 651-0965, or by email at cmcfarli@energy.state.ca.us. The status of the project, copies of notices, and other relevant documents are also available on the Energy Commission's Internet web site at <http://www.energy.ca.gov/sitingcases/canyon>.

You can also receive email notification of all project related activities and availability of reports by subscribing to the Listserve on the website. News media inquiries should be directed to Assistant Director, Claudia Chandler, at (916) 654-4989 or by email to mediaoffice@energy.state.ca.us.

Note: Please retain this letter behind the front cover of the AFC. Thank You.