CALIFORNIA ENERGY COMMISSION
1516 NINTH STREET
SACRAMENTO, CA 95814-5512

NOTICE OF RECEIPT OF AN APPLICATION FOR CERTIFICATION FOR THE CANYON POWER PLANT (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. Commercial operation is 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 applications to construct and operate thermal electric power plants, 50 MW and greater, 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 and natural gas and water pipelines. The Energy Commission is the lead agency under the California Environmental Quality Act (CEQA), but it produces several environmental and decision documents rather than an Environmental Impact Report.

The first step in the review process is for Energy Commission staff to determine whether or not the AFC contains all the information required by our regulations. When the AFC is deemed complete, we will begin data discovery and issue analysis phases. At that time, a detailed examination of the issues will occur.

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 proposed 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.

Please direct your technical or project schedule questions to Che McFarlin, Energy Commission Project Manager, at (916) 651-0965, or by e-mail at cmcfarli@energy.state.ca.us. For more information on how to participate in the Energy Commission's review of the project, please contact the Energy Commission's Public Adviser's Office, at (916) 654-4489, or toll free in California at (800) 822-6228. The Public Adviser's Office can also be contacted via email at pao@energy.state.ca.us. News media inquiries should be directed to Assistant Director, Claudia Chandler, at (916) 654-4989. The status of the proposed project, copies of notices, an electronic version of the AFC, 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 subscribe to receive e-mail notification of all notices at http://www.energy.ca.gov/listservers.

This notice of receipt has been mailed to all parties that requested placement on the mailing list during the pre-filing period and to property owners located within 1000 feet of the proposed project site. By being on the mailing list, you will receive notices of all project-related activities and notices when documents related to the proposed project's evaluation are available for review. If you want your name removed from the mailing list, please contact April Esau, Project Secretary, at (916) 653-1640, or by e-mail at aesau @energy.state.ca.us.

Availability of the AFC Document

Copies of the AFC are available for public inspection at the following public libraries:

Anaheim Main Public Library
500 W. Broadway
Anaheim, CA 92805

Anaheim Sunkist Branch Library
901 South Sunkist
Anaheim, CA 92806

Placentia Public Library
411 East Chapman Avenue
Placentia, CA 92870

City of Orange Main Library
407 E. Chapman Avenue
Orange, CA 92866

Copies are also available at the Energy Commission's Library in Sacramento, the California State Library in Sacramento, and at public libraries in Eureka, San Francisco, Los Angeles, and San Diego. In addition, this information has been shared with those

public agencies that would normally have jurisdiction except for the Energy Commission's exclusive authority to certify sites and related facilities.

Sincerely,

Eileen Allen, Manager
Energy Facilities Siting and Compliance Office

Date: 1/17/08