State of California The Resources Agency of California

Memorandum

To: Commissioner Jeffrey D. Byron, Presiding Member
Commissioner Arthur H. Rosenfeld, Associate Member
Siting Committee for the Canyon Power Plant

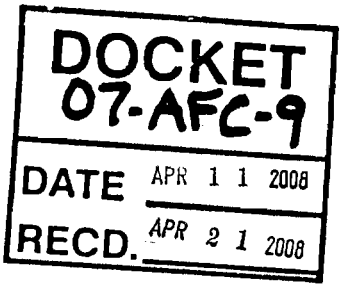
Date: April 11, 2008

Tel. : (916) 654-4489

From : **California Energy Commission; Public Adviser's Office**
1516 Ninth Street
Sacramento CA 95814-5512

Nick Bartsch, Office and Project Manager
Allison McCurdy, Student Assistant

Subject: CANYON POWER PLANT (DOCKET #07-AFC-9)
PUBLIC ADVISER'S STATUS REPORT



I. INITIAL SCOPING

A. Project Description

The Southern California Public Power Authority applied to the California Energy Commission (Energy Commission) for a license to build and own a 200 megawatt (MW), natural gas-fueled, simple cycle power plant, called the Canyon Power Plant. The facility is proposed to be located on a 10-acre parcel at 3071 East Miraloma Avenue, within an industrial area of the City of Anaheim. It is proposed to be operated by the City of Anaheim, as a "peaker" facility, generating electricity during periods of high demand for power. If the project is licensed, the applicant intends to complete it by the fall of 2010.

B. Project Summary

1. Project Name: **Canyon Power Plant**

2. Docket Number: 07-AFC-9

3. Owner: Southern California Public Power Authority

4. The Power Plant: Includes (a) four combustion turbine generators (LM 6000 PC Sprint models by GE); (b) air evaporative coolers; (c) a mechanical-draft cooling tower; (d) ammonia and water storage tanks; and (e) emission control equipment consisting of selective catalytic reduction and oxidation catalyst systems.

5. Related Facilities: Include: (a) step-up transformers and underground transmission lines; (b) a 69 kV switchyard; a 3,400-foot natural gas pipeline; (c) water and sewer lines; (d) a construction laydown area and (e) other, associated infrastructure.

6. Plant Location: About a 10-acre parcel of disturbed land located within an industrial area of the City of Anaheim, at 3071 East Miraloma Avenue.

C. Description of the Project Area

1. **Regional Setting.** The City of Anaheim is located in northern Orange County, between the City of Placentia to the north and the City of Santa Ana to the south. Other cities within six miles of the proposed site for the plant include Brea, Fullerton, Garden Grove, La Habra, Orange, Villa Park and Yorba Linda. Major freeways serving the area include Interstate 5, as well as Highways 57 and 91. The Santa Ana River runs east-west, about one mile west of the proposed site.

2. **The Project Site.** Currently owned by the City of Anaheim, the proposed site is a paved lot, most recently used by a food catering business operated by the Orange County Food Service. Current, on-site structures include a kitchen/warehouse building, a truck-maintenance/washing facility, two ice making buildings and an outdoor truck repair shop. These facilities are proposed to be removed and the property owner indicates that it would conduct soil remediation activities to limit its environmental liability for future uses of the property.

3. **Area Adjacent to the Project Site.** The Canyon Power Plant would be surrounded by various other industrial and commercial facilities currently located in this area which is zoned for industrial use. Directly east of the project site are several groundwater recharge facilities operated by the Orange County Water District. However, there are also several residential (both single and multi-family) areas, as well as two elementary schools located within one mile of the proposed site.

D. Population and Environmental Justice Information

1. One-Mile Radius Around the Project. The 2000 Census (the latest official census information available) counted 13,508 people residing within a one-mile radius of the proposed site for the Canyon Power Plant (CPP). Of this population, 9,499 persons (or 70.3 percent), were classified as "minority", believed to be mostly Hispanic. Checking the same area for census data on residents classified according to income level, we found that of the 12,911 persons counted, 2,889 individuals (22.4 percent) were deemed to be below the federally-determined poverty standard. (Please see the maps and associated data in Attachments A and B.)

2. Six-Mile Radius Around the Project. Within a six-mile circle around the proposed site, the same census found a total population of 601,605 persons and 320,454 (or about 50.3 percent) of those were determined to be "minority"—believed to be mostly Hispanic. Checking the same area for income levels of the population, the 2000 census data indicated that of the 595,559 persons checked, 69,725 (or 11.7 percent) were found to

be living below the federally-determined poverty level (please see the maps and associated data in Attachments A and B).

II. PRERARATIONS FOR THE INFORMATION HEARING & SITE VISIT

A. Scoping, Outreach and Publicity Efforts

1. Identifying and Notifying Elected Officials and Sensitive Receptors. We reviewed existing information and conducted our own, extensive outreach efforts to locate and identify certain entities—called "sensitive receptors"—within a six-mile circle around the proposed plant-site. These entities include schools, community, cultural and health facilities, daycare and senior care centers, as well as environmental and ethnic organizations. They are considered "sensitive receptors" because they—and people who use their facilities and services—could potentially be more affected by the operation of a power plant than others.
We identified and notified--by letter and enclosed bilingual notice (shown in Attachment C)--468 sensitive receptors of the informational hearing and site visit to be held in Anaheim on April 15, 2008. We also identified and similarly notified 70 local officials who have jurisdiction within the same area. These officials included the Board of Supervisors and chief executive officer for Orange County, as well as the City Councils and City Managers for the Cities of Anaheim, Brea, Fullerton, Garden Grove, La Habra, Orange, Placentia, Villa Park and Yorba Linda.

2. Availability of Project Application for Public Review. Copies of the detailed Application for Certification (AFC) for the Canyon Power Plant are available for public examination at the local public agencies involved in the review, such as the County of Orange an the regional air quality management district. They are also available at the Main Public Library and Sunkist Branch Library in Anaheim, the Placentia Public Library and the City of Orange Main Library. In addition, the Energy Commission's and State of California's libraries in Sacramento, as well as the main public libraries in the Cities of Eureka, San Francisco, Fresno, Los Angeles and San Diego also have copies of the AFC available for review.

3. Preparation and Distribution of Notice. A bilingual (English and Spanish) notice (see Attachment C) about the Canyon Power Plant (CPP) and the April 15, 2008 public hearing and site visit in Anaheim has been prepared, duplicated and distributed with appropriate cover letters to the sensitive receptors and local officials, as described above. In addition, we arranged for a 4" X 3.7" advertisement containing the English version of the notice to be published in 175,000 copies of the April 6, 9 and 12, 2008 issues of the *Orange County Register*, the major daily newspaper with the highest circulation within the six-mile radius of the proposed site for the CPP. The same size advertisement in Spanish was placed in 50,000 copies of the April 11, 2008 issue of the *Excelsior*, the Spanish-language weekly publication of the *Orange County Register*. We also alerted—by letter with attached notice—the Native American Heritage Commission, the Sierra Club and Audubon Society, as well as local and regional chambers of commerce within a six-mile radius of the proposed facility about the April 15th informational hearing and site visit.

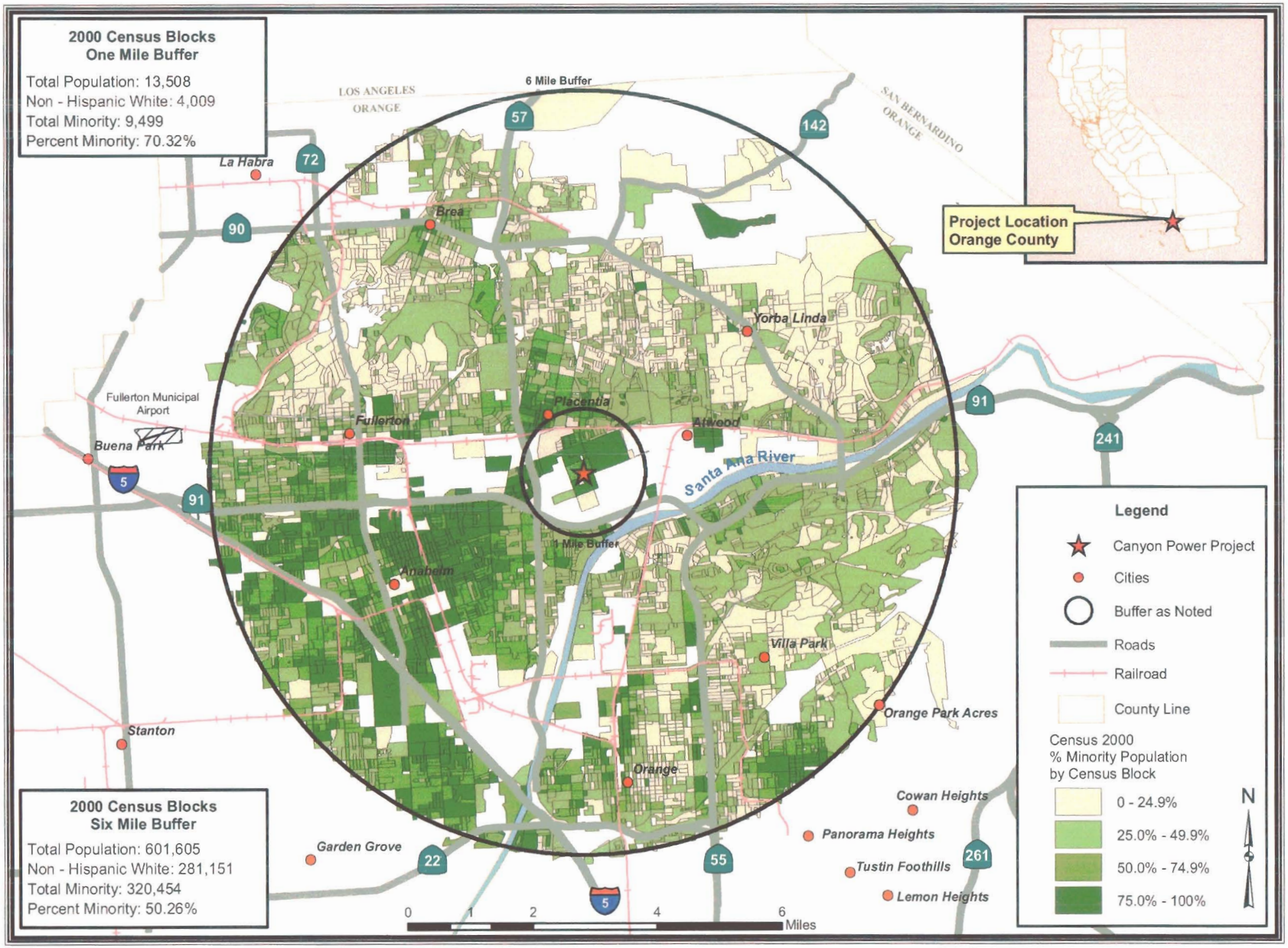
4. Public Service Announcements. To maximize publicity for the April 15thth events to both English and Spanish-speaking residents of the potentially impacted region, we contacted the major English and Spanish-language radio and television stations broadcasting in the region and requested complimentary public service announcements of the events. A total of 7 radio stations (3 Spanish and 4 English) and 5 television stations (4 English and 1 Spanish) were contacted and e-mailed information they requested for the announcements. We also contacted and sent a copy of the bilingual notice to six of the weekly local newspapers circulating in the region with a request for help with publicizing the April 15th events in their papers and on their websites.

Attachments

ATTACHMENT A

SOCIOECONOMICS - FIGURE 1

Canyon Power Project - Census 2000 Minority Population by Census Block - One and Six Mile Buffer



JANUARY 2008

SOCIOECONOMICS

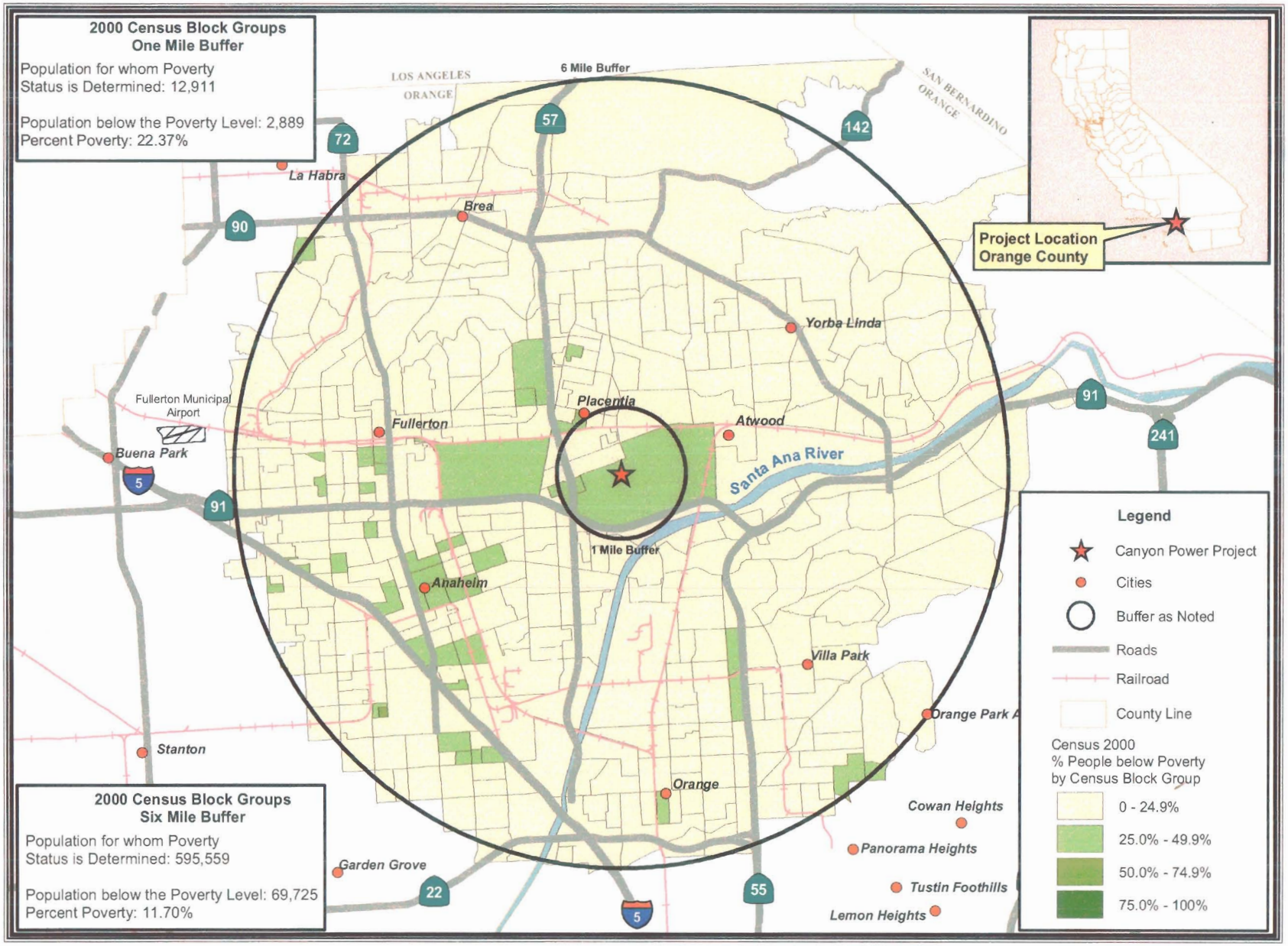
CALIFORNIA ENERGY COMMISSION, ENERGY FACILITIES SITING DIVISION, JANUARY 2008

SOURCE: California Energy Commission Statewide Power Plant Maps 2008 - Census 2000 PL 94-171 Data - Matrix PL2

ATTACHMENT B

SOCIOECONOMICS - FIGURE 2

Canyon Power Project - Census 2000 Percentage of People below Poverty by Census Block Group - One and Six Mile Buffer



CALIFORNIA ENERGY COMMISSION, ENERGY FACILITIES SITING DIVISION, JANUARY 2008

SOURCE: California Energy Commission Statewide Power Plant Maps 2008 - Census 2000 - SF3

ATTACHMENT C

PROPOSED POWER PLANT PUBLIC HEARING AND SITE VISIT

The Southern California Public Power Authority (SCPPA) applied to the California Energy Commission (Energy Commission) for a license to build and own the Canyon Power Plant, a 200-megawatt (MW), simple-cycle facility, consisting of four natural gas-fired combustion turbine generators and associated infrastructure. The plant would be located on a 10-acre parcel at 3071 East Miraloma Avenue, within an industrial zone of the City of Anaheim. It is proposed to be operated by the City of Anaheim as a "peaker" facility, generating electricity during periods of high demand for power.

A designated committee and staff of the Energy Commission will hold a public informational hearing and site visit (the first of several public events during a licensing process that takes at least 1 year), as specified below, to provide information about the project, answer questions, take public testimony and tour the proposed site. If you are unable to attend, written comments may be mailed to "DOCKETS" at the Energy Commission's address shown below, or sent electronically to: DOCKET@energy.state.ca.us (Please include the project name and docket number--as shown below—on all documents you send.)

Canyon Power Plant (Docket# 07-AFC-9)
Public Hearing and Site Visit on Tuesday, April 15, 2008

Site Visit: 4:15 p.m. (Bus leaves from and returns to the Anaheim City Hall)
Hearing: 5:30 p.m.

Location:
Anaheim City Hall, Council Chambers
200 South Anaheim Boulevard
Anaheim, California 92805
(Facility is wheelchair accessible)

Direction to the Anaheim City Hall from I-5:
1. Exit at Lincoln Ave. (Exit 111);
2. Turn left onto West Lincoln Ave.; and
3. Turn right onto South Anaheim Boulevard.

Please notify the Public Adviser's Office (see contacts below) by Friday. April 11, 2008 if you want to attend the site visit. No reservation is needed for the public hearing.

Additional information about this project is available on the California Energy Commission Web Site at: www.energy.ca.gov/sitingcases/canyon/*index.html*

If you would like further information, or wish to be placed on a mailing list to receive notice of further public hearings and workshops on this project, please contact:

Public Adviser's Office
California Energy Commission,1516 9th Street, MS-12, Sacramento, CA 95814
Tel: (916) 654-4489 or toll-free at (800) 822-6228; e-mail: **pao@energy.state.ca.us**

SEE OTHER SIDE FOR NOTICE IN SPANISH

PROPUESTA DE AUDIENCIA PÚBLICA Y VISITA AL EMPLAZAMIENTO DE LA PLANTA DE ENERGÍA

La Autoridad de Energía Pública de Southern California (SCPPA, por sus siglas en inglés) solicitó ante la Comisión de Energía de California (la Comisión de Energía) una licencia para construir y ser propietaria de la Planta de Energía Canyon, una instalación de ciclo simple de 200 megavatios (MW), que consiste de cuatros generadores de turbinas propulsadas a gas natural e infraestructura asociada. La planta estaría ubicada en una parcela de 10 acres en 3071 East Miraloma Avenue, dentro de una zona industrial de la Ciudad de Anaheim. La propuesta es que sea operada por la Ciudad de Anaheim como una instalación para los "picos", para generar electricidad durante los períodos de alta demanda de energía.

Un comité designado y el personal de la Comisión de Energía llevarán a cabo una audiencia pública informativa y una visita al emplazamiento (el primero de muchos eventos públicos durante el proceso de concesión de la licencia que llevará aproximadamente un año), según se especifica a continuación, para brindar información sobre el proyecto, responder a preguntas, recibir testimonios públicos y visitar el emplazamiento propuesto. Si usted no pudiera concurrir, puede enviar sus comentarios escritos a "DOCKETS" (expedientes) a la dirección de la Comisión de Energía que figura a continuación, o por correo electrónico a: DOCKET@energy.state.ca.us (incluya el nombre del proyecto y el número de registro en todos los documentos que envíe, como se indica a continuación).

Canyon Power Plant (Docket # 07-AFC-9)
Audiencia Pública y Visita al Emplazamiento el Martes 15 de Abril de 2008

Visita al Emplazamiento: **4:15 p.m. (el autobús parte del Ayuntamiento de la Ciudad de Anaheim y regresa allí)**

Audiencia Pública: **5:30 p.m.**

Ubicación:

Ayuntamiento de Anaheim
Cámaras del Consejo
200 South Anaheim Boulevard
Anaheim, California 92805
(Las instalaciones tienen acceso para sillas de ruedas)

Cómo llegar al Ayuntamiento de la Ciudad de Anaheim desde I-5:

1. Salir en Lincoln Ave. (Salida 111);
2. Doble a la izquierda en West Lincoln Ave. y
3. Doble a la derecha en South Anaheim Boulevard.

Por favor, notifique a la Oficina de la Asesora Pública (vea los contactos a continuación) antes del Viernes 11 de Abril de 2008, si deseara concurrir a la visita del emplazamiento. No es necesario hacer reservación con anticipación para la audiencia pública.

El sitio Web de la Comisión de Energía de California ofrece información adicional sobre este proyecto en: www.energy.ca.gov/sitingcases/canyon/*index.html*

Si deseara más información o inscribirse en una lista de correo para recibir en el futuro los avisos sobre las audiencias públicas y talleres con respecto a este proyecto, por favor, comuníquese con:

Public Adviser's Office (Oficina de la Asesora Pública)
California Energy Commission,1516 9th Street, MS-12, Sacramento, CA 95814
Tel: (916) 654-4489 o llame al número gratuito (800) 822-6228; correo electrónico: **pao@energy.state.ca.us**

CONSULTE EL AVISO EN INGLÉS EN EL REVERSO