



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION FOR THE
CANYON POWER PLANT

DOCKET No. 07-AFC-9

ERRATA TO THE PRESIDING MEMBER'S PROPOSED DECISION

After reviewing the comments submitted by the parties and those offered at the March 8, 2010 Committee Conference, we incorporate the following changes to the February 10, 2010 Presiding Member's Proposed Decision (PMPD):

INTRODUCTION

1. Pages 1 and 5, replace "inlet air evaporative coolers" with "inlet air chillers."

PROJECT DESCRIPTION

2. Pages 7, 69, and 72, add "approximately" before "4,320" to clarify that the reference to the number of annual machine hours is an approximation, not an absolute condition. The Committee recognizes that the project's hours of operation are limited by the Air Quality Conditions' emission limits. 4,320 hours is an approximation based on an assumed number of starts and shut downs and full load operation. Operation at partial loads may extend the total operating hours but will not allow total emissions greater than the specified limits.
3. Page 7, fourth paragraph, change "December 2010" to "the summer of 2011."

TRANSMISSION LINE SAFETY AND NUISANCE

4. Page 87, change Finding 4:

The new interconnection line will be undergrounded and constructed in accordance with standard ~~SCE~~ City of Anaheim practices

GREENHOUSE GAS EMISSIONS

5. Pages 95, 96, and 98—change "Btu/kWh" to "Btu/kWh HHV."

6. Page 97, finding 10:

The California Renewable Portfolio Standard (RPS) requires the state's electric utilities obtain at least ~~33~~ 20 percent of the power supplies from renewable sources, by the year 2020 and recent gubernatorial Executive Orders increase the requirement to 33 percent.

AIR QUALITY

7. Page 107, in last partial paragraph, change "non-attainment zone" to "serious non-attainment area."
8. Page 131, third paragraph:

RULE 1303(B)(2) AND RULE 2005(B)(2)-OFFSETS – LM 6000PM CTGS

Since CPP is a new facility with an emissions increase, offsets would be required for all criteria pollutants. CPP would be included in NOx RECLAIM and as such, NOx increases would be offset with RTCs at a 1.0 to 1 ratio. Non-RECLAIM criteria pollutants (VOC, SOx, and PM10) would be offset by ~~either~~ the purchase of Emission Reduction Credits (ERCs) at a 1.2 to 1 ratio. CO emissions are not required to be offset since CO is an attainment pollutant. CPP has identified the VOC, PM10 and SOx ERCs that would be used for the project. NOx RECALIM trading credits ~~much~~ must be obtained by the applicant prior to the first fire of the turbines. Compliance with the offset requirements of Rules 1303(b)(2) and 2005(b)(2) is expected.

HAZARDOUS MATERIALS MANAGEMENT

9. Pages 197 – 198, Hazardous Materials Attachment A, are changed by substituting the revised Table attached to this Errata.

WASTE MANAGEMENT

10. Page 210, first paragraph of Condition WASTE-1:

WASTE-1 The project owner shall ensure that the Canyon Power Plant project site is properly characterized and remediated as necessary pursuant to a Corrective Action Plan ~~consistent with requirements of the California Department of Toxic Substances Control and~~ approved by the Orange County Health Care Agency Environmental Health Division (OCHCA). The Corrective Action Plan shall incorporate a Soil Management Plan that characterizes site soils impacted with hazardous chemicals and a Site Remediation Plan to remove hazardous chemicals in compliance with applicable law. The Corrective Action Plan shall also include a Post-Excavation Confirmation Sampling Plan to ensure that impacted soils were properly removed prior to excavation. In no event shall project excavation or construction commence in areas requiring characterization

and remediation until OCHCA has determined that all necessary remediation has been accomplished.

11. Page 211, first paragraph of Condition WASTE-2:

WASTE-2 Prior to removal of the underground storage tanks (USTs), ~~septic tanks,~~ and other storage containers requiring a permit, the project owner shall obtain a permit from the Anaheim Fire Department. The CPM and the Public Works and Planning Departments shall review and approve the UST removal plans prior to permit issuance. After receiving approval from the CPM, the project owner shall obtain the required permit for removal of all USTs.

SOIL AND WATER RESOURCES

12. Page 234, in the last sentence of the first paragraph of the verification for Condition **Soil & Water-6**, change “will provide” to “can provide.”

CULTURAL RESOURCES

13. Page 236, second paragraph:

Cultural resources include artifacts, buildings, sites, structures, historic districts, and land modifications that reflect human history. When a cultural resource is determined to be significant, it is eligible for inclusion in the National Register of Historical Resources Places (NRHRP) and/or the California Register of Historical Resources (CRHR). (Ex. 200, pp. 4.3-1, 4.3-15, 4.3-16.) Analysis in this topic area considers three types of cultural resources: prehistoric, historic, and ethnographic. (Ex. 200, p. 4.3-1.)

14. Page 244, delete a repeated word in the first sentence of Condition CUL-1:

Prior to the start of construction-related ground disturbance (includes “preconstruction site mobilization,” ~~construction~~ construction-related ground disturbance,” and “construction grading, boring and trenching,” as defined in the General Conditions for this project) the project owner shall obtain the services of a Cultural Resources Specialist (CRS), and one or more alternate CRSs, if alternates are needed.

LAND USE

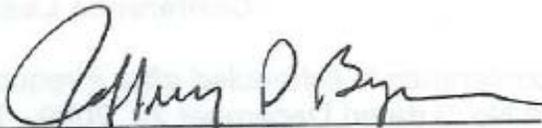
15. Page 271, second to last paragraph, delete the phrase “with a third gate off the alley to the east of the project site.”

16. Page 274, Finding 1:

The Canyon Power Project site and ancillary facilities, with the exception of a portion of the natural gas pipeline located in the City of Placentia, are located within the City of Anaheim.

17. Page 278, replace Land Use Figure 2 with the attached, updated figure from Exhibit 75.

Dated: March 16, 2010 in Sacramento, California.



JEFFREY D. BYRON

Commissioner and Presiding Member
Canyon AFC Committee

**ATTACHMENT A
Hazardous Materials**

Hazardous Materials Used and Stored On-site at the Canyon Energy Project

Material	CAS No.	Application	Hazardous Characteristics	Maximum Quantity On Site
Acetylene	74-86-2	Welding	Health: hazardous if inhaled Physical: combustible, flammable	270 cubic feet
Antiscalent (neat) acrylate polymers	mixture	RO System	Health: None Physical: None	400 gallons
Aqueous Ammonia 19% Solution	7664-41-7	NO _x reduction in SCR	Health: irritation to permanent damage from inhalation, ingestion, and skin contact Physical: reactive, vapor is combustible	10,000 gallons
Diesel Fuel	Mixture	Black start generator	Health: Low-toxicity Physical: Flammable liquid	500 gallons
Dispersant/ Corrosion Inhibitor (neat) acrylic polymer	9011-14-7	Scale/corrosion control (cooling tower, circulating water)	Health: None Physical: None	400 gallons
Dryer Desiccant	Silica, Amorphous 7631-86-9	Instrument air	Health: Dust may cause irritation, dust is irritant to respiratory tract. Expected to be hazardous if ingested. Possible cancer hazard. Physical: Not regulated	300 pounds
Hydraulic fluid	Mixture	Rotating equipment	Health: hazardous if ingested Physical: may be flammable/combustible	200 gallons
Lubrication Oil (turbine synthetic lube oil and generator mineral lube oil)	None	Rotating equipment	Health: hazardous if ingested Physical: may be flammable/combustible	2,600 gallons
Mineral Oil	8042-47-5	Transformers	Health: eye and skin irritant, inhalation of mist may cause lung irritation Physical: None	40,000 gallons
Motor Oil	64742-47-8	Construction vehicles and equipment	Health: hazardous Physical: None	110 gallons
Natural Gas (Methane)	74-82-8	Fuel for power plant	Health: Asphyxiant. Effects are due to lack of oxygen. Physical: flammable gasses	N/A
Non-oxidizing Biocide (Isothiazolin)	26172-55-4	Biocide for cooling system	Health: None Irritant to eyes and skin Physical: None	400 gallons
Paint	Mixture	Painting	Health: various Physical: various	50 gallons

Material	CAS No.	Application	Hazardous Characteristics	Maximum Quantity On Site
Propane	74-98-6	Miscellaneous heating activities	Health: low toxicity Physical: flammable	75 pounds
RO Membrane Cleaners (Tetrasodium EDTA)	64-02-8	RO system	Health: None Physical: None	400 gallons
Sodium Bisulfite (38%)	7631-90-5	Dechlorination (RO system)	Health: Harmful if swallowed. Contacts with acids liberates toxic gas. Irritating to eyes, respiratory system, and skin. Possible sensitizer. Physical: Corrosive	400 gallons
Sodium Hypochlorite (12%)	7681-52-9	Biocide/biofilm control (raw water tank, cooling tower circulating water)	Health: toxic and corrosive Physical: corrosive	400 gallons
Sulfur Hexafluoride	2551-62-4	Switchyard breakers	Health: asphyxiant, effects are due to lack of oxygen Physical: non-flammable	6,000 pounds
Sulfuric Acid (93%)	7664-93-9	pH control (cooling tower circulating water, RO system)	Health: irritant to eyes, poisonous if inhaled, extreme irritant, corrosive, and toxic to tissue Physical: corrosive	400 gallons
Transmission Fluid	None	Construction vehicles and equipment	Health: None Physical: None	100 gallons
Unleaded Gasoline	Mixture	Construction vehicles	Health: irritant Physical: flammable liquid	200 gallons
Various Detergents/ Solvents	None Mixture	Combustion turbine cleaning	Health: <u>Irritant to eyes, may cause lung damage if swallowed</u> None Physical: <u>Harmful to aquatic organism</u> None	220 gallons
Waste Fluids (i.e. motor oil, transmission fluid, hydraulic fluid, and antifreeze)	None		Health: None Physical: None	45 gallons
Waste Paint, Thinners, and Solvents	None		Health: None Physical: None	45 gallons
Waste Welding Materials	None		Health: None Physical: None	45 pounds
Hydrochloric Acid 38%	7647-01-0	pH Control	Corrosive	400 gallons
Sodium Hydroxide 50%	1310-73-2	Water treatment pH control	Corrosive	400 gallons

Material	CAS No.	Application	Hazardous Characteristics	Maximum Quantity On Site
Propylene glycol	57-55-6		Low Toxicity	3,000 gallons (initial fill)
<u>Specialty Calibration Gases</u>	<u>Mixture</u>	<u>CEMS calibration</u>	<u>Health: Harmful if inhaled, skin irritation</u> <u>Physical: Flammable or explosive</u>	<u>5,040 cu ft</u>
<u>Carbon Dioxide (liquid)</u>	<u>124-38-9</u>	<u>Fire Suppression</u>	<u>Health: Asphyxiant and irritation</u>	<u>5,600 pounds</u>
<u>Reagents liquid</u>	<u>Mixture</u>	<u>Water Chemistry analysis</u>	<u>Health: Irritant to eyes and skin</u> <u>Physical: None</u>	<u>800 ML</u>
<u>Reagents solid</u>	<u>Mixture</u>	<u>Water Chemistry analysis</u>	<u>Health: Irritant to eyes and skin</u> <u>Physical: None</u>	<u>12 oz</u>

a. Reportable quantities for a pure chemical, per the Comprehensive Environmental Response, Compensation, and Liability Act.
Source: Exhibit 57.



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**APPLICATION FOR CERTIFICATION
FOR THE *CANYON POWER*
*PLANT PROJECT***

Docket No. 07-AFC-9

PROOF OF SERVICE

(Revised 10/23/2009)

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DECLARATION OF SERVICE

I, Maggie Read, declare that on March 16, 2010, I served and filed copies of the attached ERRATA TO THE PRESIDING MEMBER'S PROPOSED DECISION, dated March 16, 2010. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at: [<http://www.energy.ca.gov/sitingcases/canyon/index.html>]. The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(Check all that Apply)

For service to all other parties:

sent electronically to all email addresses on the Proof of Service list;

by personal delivery;

by delivering on this date, for mailing with the United States Postal Service with first-class postage thereon fully prepaid, to the name and address of the person served, for mailing that same day in the ordinary course of business; that the envelope was sealed and placed for collection and mailing on that date to those addresses **NOT** marked "email preferred."

AND

For filing with the Energy Commission:

sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (preferred method);

OR

depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION

Attn: Docket No. 07-AFC-9
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512

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I declare under penalty of perjury that the foregoing is true and correct, that I am employed in the county where this mailing occurred, and that I am over the age of 18 years and not a party to the proceeding.

Original signed by: _____

Maggie Read
Hearing Adviser's Office