



GAIL FARBER, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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DOCKET

08-AFC-9

DATE JAN 15 2009

RECD. JAN 20 2009

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE: **LD-1**

January 15, 2009

Mr. John Kessler, Project Manager
Siting, Transmission, and Environmental Protection Division
California Energy Commission
1516 Ninth Street, MS-15
Sacramento, CA 95814

Dear Mr. Kessler:

**NOTICE OF APPLICATION FOR CERTIFICATION FOR THE
PALMDALE HYBRID POWER PROJECT
DOCKET NO. 08-AFC-9
950 EAST AVENUE M
PALMDALE, CA**

Thank you for the opportunity to review the Notice of Application for Certification for the Palmdale Hybrid Power project. The proposed project to construct and operate a nominal 617-megawatt hybrid natural-gas-fired, combined-cycle, and solar thermal generator.

We offer the following comments for your consideration:

Soils/Geotechnical

The site is in an area that may be susceptible to hydroconsolidation. Also, portions of the proposed transmission lines are located within potentially liquefiable areas per the State of California Seismic Hazard Zones Map—Lancaster East, Palmdale, Littlerock, and Pacifico Mountain Quadrangles. Therefore, the soils report must address the amount of total and differential seismically induced settlement due to the potential liquefaction, conclusively determine the depth of hydrocollapsible soils, and provide mitigation measures as necessary.

Geologic Hazards

1. Based on Figure 5.5-2 of the Application for Certification, Volume I, it appears that the southern leg of the proposed natural gas supply pipeline may be affected

PROOF OF SERVICE (REVISED 8/4/08) FILED WITH
ORIGINAL MAILED FROM SACRAMENTO ON 1/20/09

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Mr. John Kessler
January 15, 2009
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by one or more traces of active faults. Provide geologic mapping at an appropriate scale to address this potential hazard and provide conclusions and recommendations as necessary.

2. Based on Figure 5.5-2 of the Application for Certification, Volume I, it appears that the proposed transmission line, Segment 2, crosses the San Andreas Fault zone at an angle that would place the transmission line in tension during and/or following an earthquake along that segment of the fault. Provide recommendations for minimizing impact to this segment of the transmission line.
3. Reference is made in Kleinfelder 27 March 2008, to the 2001 CBC (pages 14 and 32) and to the 1997 UBC (references). Please refer to the 2007 CBC (based on the 2006 IBC) for design requirements and correct any recommendations as needed. Note that the seismic zones in the 2001 CBC have been replaced in the 2007 CBC Seismic Design Categories, and the methods of analysis are also modified.

For any questions regarding the geology comments above, please contact Mr. Jeremy Wan at (626) 458-4925 Extension 3873.

If you have any other questions, please contact Mr. Toan Duong at (626) 458-4945.

Very truly yours,

GAIL FARBER
Director of Public Works

for DENNIS HUNTER, PLS PE
Assistant Deputy Director
Land Development Division

MA:ca

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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 *PALMDALE HYBRID*
POWER PROJECT

Docket No. 08-AFC-9

PROOF OF SERVICE

(Revised 8/4/08)

INSTRUCTIONS: All parties shall either (1) send an original signed document plus 12 copies or (2) mail one original signed copy AND e-mail the document to the address for the Docket as shown below, AND (3) all parties shall also send a printed or electronic copy of the document, which includes a proof of service declaration to each of the individuals on the proof of service list shown below:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 08-AFC-9
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DECLARATION OF SERVICE

I, Hilarie Anderson, declare that on January 20, 2009, I deposited copies of the attached Comments from LA County Public Works, RE: Soils/Geotechnical in the United States mail at Sacramento, CA with first-class postage thereon fully prepaid and addressed to those identified on the Proof of Service list above.

OR

Transmission via electronic mail was consistent with the requirements of California Code of Regulations, title 20, sections 1209, 1209.5, and 1210. All electronic copies were sent to all those identified on the Proof of Service list above.

I declare under penalty of perjury that the foregoing is true and correct.

Original Signature in Dockets
Hilarie Anderson