

June 4, 2008

Mr. John Conway
Senior Vice President - Station
Generation and Chief Nuclear Officer
Pacific Gas and Electric Company
Diablo Canyon Power Plant
P.O. Box 770000
San Francisco, CA 94177-0001

SUBJECT: DIABLO CANYON POWER PLANT, UNIT NOS. 1 AND 2 - AMENDMENTS RE:
AUXILARY FEEDWATER AND CONDENSATE STORAGE TANKS (TAC NOS.
MD8471 AND MD8472)

Dear Mr. Conway:

By letter dated April 3, 2008, Pacific Gas and Electric Company, the licensee, submitted a license amendment request for Diablo Canyon Power Plant, Unit Nos. 1 and 2 (DCPP). The proposed amendment would revise Technical Specification (TS) 3.7.5, "Auxiliary Feedwater System," to remove Surveillance Requirement 3.7.5.6, and revise TS 3.7.6, "Condensate Storage Tank (CST) and Fire Water Storage Tank (FWST)," to remove the FWST level requirements, revise the CST level requirements, and revise TS 3.7.6 to be consistent with the NUREG-1431 Standard Technical Specifications. The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that the information delineated in the enclosure to this letter is necessary to enable the staff to make an independent assessment regarding the acceptability of the proposed amendment request in terms of regulatory requirements and the protection of public health and safety and the environment.

In order to make the application complete, the NRC staff requests that PG&E supplement the application to address the information requested in the enclosure by June 20, 2008. This will enable the NRC staff to begin its detailed technical review. If the information responsive to the

J. Conway

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NRC staff's request is not received by the above date, the application will not be accepted for review pursuant to 10 CFR 2.101, and the NRC will cease its review activities associated with the application. If the application is subsequently accepted for review, you will be advised of any further information needed to support the staff's detailed technical review by separate correspondence.

The information requested and associated time frame in this letter were discussed with Mr. Ken Shrader of your staff on June 2, 2008.

If you have any questions, please contact me at (301) 415-1445.

Sincerely,

/RA/

Alan Wang, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-275 and 50-323

Enclosure: As stated

cc w/encl: See next page

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Enclosure: As stated

cc w/encl: See next page

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Diablo Canyon Power Plant, Units 1 and 2

(3/10/2008 2007)

cc:

NRC Resident Inspector
Diablo Canyon Power Plant
c/o U.S. Nuclear Regulatory Commission
P.O. Box 369
Avila Beach, CA 93424

City Editor
The Tribune
3825 South Higuera Street
P.O. Box 112
San Luis, Obispo, CA 94306-0112

Sierra Club San Lucia Chapter
ATTN: Andrew Christie
P.O. Box 15755
San Luis Obispo, CA 93406

Director, Radiologic Health Branch
State Department of Health Services
P.O. Box 997414, MS 7610
Sacramento, CA 95899-7414

Ms. Nancy Culver
San Luis Obispo
Mothers for Peace
P.O. Box 164
Pismo Beach, CA 93448

Mr. James Boyd, Commissioner
California Energy Commission
1516 Ninth Street MS (31)
Sacramento, CA 95831

Chairman
San Luis Obispo County
Board of Supervisors
1055 Monterey Street, Suite D430
San Luis Obispo, CA 93408

Mr. James R. Becker
Site Vice President
Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93424

Mr. Truman Burns
Mr. Robert Kinoshian
California Public Utilities Commission
505 Van Ness, Room 4102
San Francisco, CA 94102

Jennifer Tang
Field Representative
United States Senator Barbara Boxer
1700 Montgomery Street, Suite 240
San Francisco, CA 94111

Diablo Canyon Independent Safety
Committee
Attn: Robert R. Wellington, Esq.
Legal Counsel
857 Cass Street, Suite D
Monterey, CA 93940

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064
Jennifer Post, Esq.
Pacific Gas & Electric Company
P.O. Box 7442
San Francisco, CA 94120

IDENTIFICATION OF INFORMATION INSUFFICIENCY
BY THE OFFICE OF NUCLEAR REACTOR REGULATION
REGARDING CONDENSATE STORAGE TANK AMENDMENT REQUEST FOR
DIABLO CANYON POWER PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-275 AND 50-323

By letter dated April 3, 2008, Pacific Gas and Electric Company, the licensee submitted a license amendment request (LAR) for Diablo Canyon Power Plant, Unit Nos. 1 and 2 (DCPP). The proposed amendment would revise Technical Specification (TS) 3.7.5, "Auxiliary Feedwater System," to remove Surveillance Requirement 3.7.5.6, and revise TS 3.7.6, "Condensate Storage Tank (CST) and Fire Water Storage Tank (FWST)," to remove the FWST level requirements, revise the CST level requirements, and revise TS 3.7.6 to be consistent with the NUREG-1431 Standard Technical Specifications. As part of the acceptance review process the NRC staff has concluded that the information delineated below is necessary to enable the NRC staff to make an independent assessment regarding the acceptability of the proposed amendment request in terms of regulatory requirements and the protection of public health and safety and the environment:

- 1) On page 2 of the LAR, the licensee states, "The revised CST minimum storage usable volume calculations are being performed by PG&E under 10 CFR 50.59, and NRC review of the calculations is not being requested." The NRC staff request that this calculation and supporting documentation be provided for our review as it is the basis for the revised CST minimum volume.
- 2) The licensee bases the TS change on the ability of the CST to hold an increased volume of water. The calculations or documentation supporting this premise is needed by the NRC staff for performance of this review. In particular, the NRC staff requests the licensee supplement the application with sufficient documentation and detailed analysis to justify how the CST usable volume has increased from 164,678 gallons to 220,600 gallons.
- 3) The LAR mentions modifications adding plenum inside the tank to raise the intake level for this piping in the event of a downstream pipe break, but does not explicitly address the concern of rupturing the non-seismic connections to the tank wall due to a seismic event. The licensee performed the modifications under 10 CFR 50.59. The NRC staff request that sufficient documentation and design calculations for this modification be provided for review. In addition to the design calculations, please include information regarding how the tank and piping connections were modified and explain by the seismic event, with the modification, will no longer render the necessary volume of water above the break unusable.

