

September 27, 2005

Mr. David H. Oatley, Vice President
and General Manager
Pacific Gas and Electric Company
Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93424

SUBJECT: DIABLO CANYON POWER PLANT, UNIT NO. 1 - RESPONSE TO NRC
BULLETIN 2004-01, "INSPECTION OF ALLOY 82/182/600 MATERIALS USED
IN THE FABRICATION OF PRESSURIZER PENETRATIONS AND STEAM
SPACE PIPING CONNECTIONS AT PRESSURIZED-WATER REACTORS"
(TAC NO.: MC3476)

Dear Mr. Oatley:

On May 28, 2004, the U.S. Nuclear Regulatory Commission (NRC) issued Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors," to the industry. This Bulletin informed addressees that current methods of inspecting the pressurizer penetrations and steam space piping connections fabricated from Alloy 82/182/600 materials may need to be supplemented with additional measures (e.g., bare-metal visual inspections) to detect pressurizer penetration and steam space piping connection flaws or leakage. The Bulletin requested that these addressees provide the NRC with information related to the materials of construction, the inspections that have been performed, and the inspections which will be performed to verify the integrity of the pressurizer penetrations and steam space piping connections. By letter dated July 27, 2004, Pacific Gas and Electric Company (PG&E) provided its response to Bulletin 2004-01, for the Diablo Canyon Power Plant, Unit No. 1 (DCPP No. 1).

By this letter, PG&E provided its responses to items 1a, 1b, 1c, and 1d of the Bulletin 2004-01. These responses described the materials used in the fabrication of pressurizer penetrations and steam space piping connections at DCPP No. 1. When describing the materials used in the fabrication of the pressurizer penetrations and steam space piping connections, PG&E reported that none of the materials used in the fabrication of the pressurizer penetrations and steam space piping were Alloy 82/182/600 materials. Therefore, there is no specific inspection program for Alloy 82/182/600 materials for the pressurizer other than meeting the requirements of Section XI of the American Society for Mechanical Engineers, *Boiler and Pressure Vessel Code*.

Given PG&E's response to items 1a, 1b, 1c, and 1d of the Bulletin, the NRC staff no longer requires a specific response for the DCPP No. 1 for item 2 of the Bulletin, which requested that licensees report the results of their next scheduled inspection of Alloy 82/182/600 pressurizer penetrations and steam space piping connections.

D. Oatley

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The NRC staff has completed its activities associated with the review of your response to Bulletin 2004-01 for DCPD No. 1 and finds your response acceptable. If you have any questions regarding this matter, please contact me at (301) 415-8439.

Sincerely,

/RA/

Girija S. Shukla, Project Manager, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-275

cc: See next page

D. Oatley

-2-

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Sincerely,

/RA/

Girja S. Shukla, Project Manager, Section 2
Project Directorate IV
Division of Licensing Project Management
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Docket No. 50-275

cc: See next page

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Diablo Canyon Power Plant, No. 1

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March 2005