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 SHIFFER, J.D. Pacific Gas & Electric Co. *Subject for WCAP-12415 Pt 12416 / See Report*
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SUBJECT: Responds to NRC Bulletin 88-011 & forwards WCAP-12416 & proprietary WCAP-12415.

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Pacific Gas and Electric Company

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James D. Shiffer
Senior Vice President and
General Manager
Nuclear Power Generation

February 1, 1990

PG&E Letter No. DCL-90-036



U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Re: Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Response to NRC Bulletin 88-11

Gentlemen:

In accordance with reporting requirement no. 3 of NRC Bulletin 88-11, "Pressurizer Surge Line Thermal Stratification," this letter provides notification that Bulletin Actions 1.b and 1.d have been completed for Diablo Canyon Units 1 and 2. Response to Bulletin Action 1.a regarding completion of surge line inspection activities was provided in PG&E letter DCL-89-021, dated January 30, 1989. Thus, PG&E's actions related to NRC Bulletin 88-11 are completed.

Bulletin Action 1.b requested performance of a plant specific analysis to demonstrate that the pressurizer surge line meets the applicable design codes for the licensed life of the plant, considering the phenomenon of thermal stratification. Bulletin Action 1.d requested updating of the plant specific stress and fatigue analyses to ensure compliance with applicable Code requirements.

PG&E Response to Bulletin Actions 1.b and 1.d

Westinghouse has performed a detailed, plant specific analysis of the Diablo Canyon pressurizer surge lines. From the analysis, PG&E concludes that thermal stratification does not affect the integrity of the pressurizer surge lines for Diablo Canyon Units 1 and 2. The existing as-built piping and support layout remain in compliance with the applicable code requirements for the design life (including 250 heatup and cooldown events). PG&E has updated the Diablo Canyon stress and fatigue analyses to ensure compliance with the applicable codes and license commitments, including ASME Section III fatigue analysis requirements.

In support of PG&E's response, enclosed are:

1. WCAP-12415, "Evaluation of Thermal Stratification for the Diablo Canyon Units 1 and 2 Pressurizer Surge Line" (Proprietary)
2. WCAP-12416, "Evaluation of Thermal Stratification for the Diablo Canyon Units 1 and 2 Pressurizer Surge Line" (Non-Proprietary)

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PDR ADOCK 05000275
Q PDC

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1/1 Prop
1/1 Non Prop

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February 1, 1990

Also enclosed is a Westinghouse authorization letter, CAW-89-122, Proprietary Information Notice, and accompanying Affidavit.

As WCAP-12415 contains information proprietary to Westinghouse Electric Corporation, it is supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of Section 2.790 of the Commission's regulations.

Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.790 of the Commission's regulations.

Correspondence with respect to the proprietary aspects of the Application for Withholding or the supporting Westinghouse Affidavit should reference CAW-89-122 and should be addressed to R. A. Wiesemann, Manager of Regulatory & Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

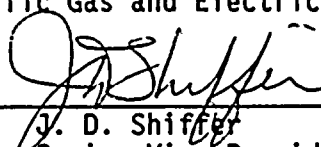
Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it in the enclosed addressed envelope.

Subscribed to in San Francisco, California this 1st day of February 1990.

Respectfully submitted,

Pacific Gas and Electric Company

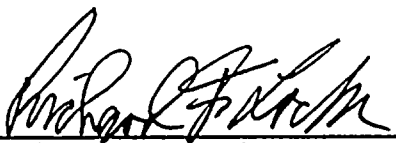
By



J. D. Shiffer
Senior Vice President and
General Manager
Nuclear Power Generation

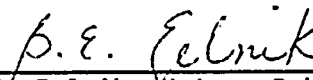
Howard V. Golub
Richard F. Locke
Attorneys for Pacific
Gas and Electric Company

By



Richard F. Locke

Subscribed and sworn to before me
this 1st day of February 1990



Bianca E. Zelnik, Notary Public
for the City and County of San Francisco
State of California

My commission expires July 30, 1991.

cc: A. P. Hodgdon (w/WCAP-12415)
J. B. Martin (w/WCAP-12415)
M. M. Mendonca (w/WCAP-12415)
P. P. Narbut (w/WCAP-12415)
H. Rood (w/WCAP-12415)
CPUC (w/WCAP-12416)
Diablo Distribution (w/o Enc.)



Enclosure

3031S/0077K/JHA/2225

