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J. O. SCHUYLER
VICE PRESIDENT
NUCLEAR POWER GENERATION

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REGION V I&E

January 9, 1984

PGandE Letter No.: DCL-84-007

Mr. John B. Martin, Regional Administrator
U. S. Nuclear Regulatory Commission, Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368

Re: Docket No. EO-275, OL-DPR-76
Docket No. 50-323
Diablo Canyon Units 1 and 2
Containment Spray Initiation Time - Final 50.55(e) Report

Dear Mr. Martin:

On October 15, 1981, Pacific Gas and Electric Company filed an interim report under 10 CFR 50.55(e) concerning a deficiency in containment spray initiation timing. The report explained that the deficiency could be resolved by altering the time sequence if a new analysis for containment pressure verified its acceptability.

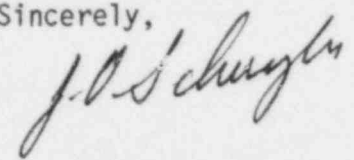
Westinghouse performed a new containment pressure analysis for a longer full spray initiation time using current models and plant specific data. The analysis showed that delaying the full spray time to 30 seconds results in a peak containment pressure of 46.91 psig. Although this value is greater than the 46.34 psig value calculated by Westinghouse for a spray time delay of 40 seconds and is also greater than the 46.65 psig value given in the technical design basis of Section 3/4.6.1.4 of the Technical Specifications, it is still below the allowable containment design pressure of 47.00 psig and is, therefore, acceptable.

A review under 50.59 has been conducted and the results were submitted in a license amendment request letter to Mr. H. R. Denton dated June 30, 1983. The license amendment revising the spray timing Technical Specifications was granted on November 10, 1983 as Amendment No. 7 to Operating License DPR-76.

The timer setting for starting the containment spray pump has been changed from the original FSAR Table 8.3-4 value of 10 seconds to a new value of 26 and 22 seconds for pumps No. 1 and 2, respectively. These values allow full spray to begin at the spray nozzle in a maximum of 80 seconds from the time a spray Initiation Signal occurs.

This is the final 50.55(e) report on this matter.

Sincerely,



cc: Service List

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