

February 5, 1998

Mr. Gregory M. Rueger, Senior Vice President
and, General Manager
Pacific Gas and Electric Company
Nuclear Power Generation N9B
P. O. Box 770000
San Francisco, California 94177

SUBJECT: SAFETY EVALUATION FOR MODIFICATION OF THE SAMPLING
REQUIREMENTS FOR THE POST ACCIDENT SAMPLING SYSTEM
FOR DIABLO CANYON POWER PLANT, UNIT NOS. 1 AND 2 (TAC
NOS. M99151 AND M99152)

Dear Mr. Rueger:

By letter dated March 27, 1997, Pacific Gas and Electric Company (PG&E) submitted a request to modify the sampling requirements for the post-accident sampling system (PASS) in Diablo Canyon Power Plant, Unit Nos. 1 and 2. PG&E requested removal of the requirements for sampling for dissolved oxygen in the reactor coolant and for hydrogen and oxygen in the containment atmosphere. PG&E justified their request by indicating that the specifications in Item II.B.3 of NUREG-0737, "Clarification of TMI Action Plan Requirements," do not require measuring oxygen either in the reactor coolant or in the containment atmosphere.

Measurement of dissolved oxygen is only recommended in order to gain additional information. Although NUREG-0737 specifies determination of hydrogen concentration in the containment atmosphere, this information can be obtained by the safety grade instrumentation required by Item II.F.1 of NUREG-0737, and PASS does not need to have this capability. The NRC has reviewed the licensee's justifications for the proposed PASS modifications and find them acceptable. The staff's safety evaluation is enclosed. If you have any questions, please contact me at (301) 415-1313.

Sincerely,

Original Signed By
Steven D. Bloom, Project Manager
Project Directorate IV-2
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-275
and 50-323

Enclosure: Safety Evaluation

cc w/encl: See next page

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Mr. Gregory M. Rueger

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February 5, 1998

cc w/encl:

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Age Group	Percentage
18-29	85
30-49	75
50-69	80
70+	70