Docket No. 50-275

Mr. Gregory M. Rueger Nuclear Power Generation, B14A Pacific Gas and Electric Company 77 Beale Street, Room 1451 P.O. Box 770000 San Francisco, California 94177

Dear Mr. Rueger:

SUBJECT: EVALUATION OF DIABLO CANYON UNIT 1 SUPPLEMENTAL REACTOR VESSEL

RADIATION SURVEILLANCE PROGRAM (TAC NO. M83285)

By letter dated March 31, 1992, you requested that the NRC staff review and approve a proposed supplemental reactor vessel radiation surveillance program and a revision to the reactor vessel material surveillance capsule withdrawal schedule for Diablo Canyon Unit 1 (DCPP-1). In our safety evaluation, which is enclosed, we conclude that the placement of supplemental capsules in the DCPP-1 reactor vessel is acceptable. Also, we conclude that the revised withdrawal schedule is acceptable. However, we request that you reevaluate the withdrawal schedule when test results from irradiated capsules become available or if the DCPP-1 fuel management program is significantly changed.

In addition, our safety evaluation concludes that the samples from the broken weld metal Charpy specimens may be used to determine the effect of radiation and annealing, if you demonstrate that the reconstitution process does not affect the Charpy test results. In addition, if you decide to anneal the DCPP-1 reactor vessel at some future time, all standby capsules should be annealed in order to maintain their materials in a condition equivalent to that of the reactor vessel.

This completes the staff effort on this issue and closes TAC Number M83285. If you have any questions regarding this issue, please contact me.

Sincerely.

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Original signed by

Harry Rood, Senior Project Manager Project Directorate V Division of Reactor Projects III/IV/V Office of Nuclear Reactor Regulation

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Enclosure: Safety Evaluation DISTRIBUTION:

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cc w/enclosure: See next page

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UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

September 4, 1992

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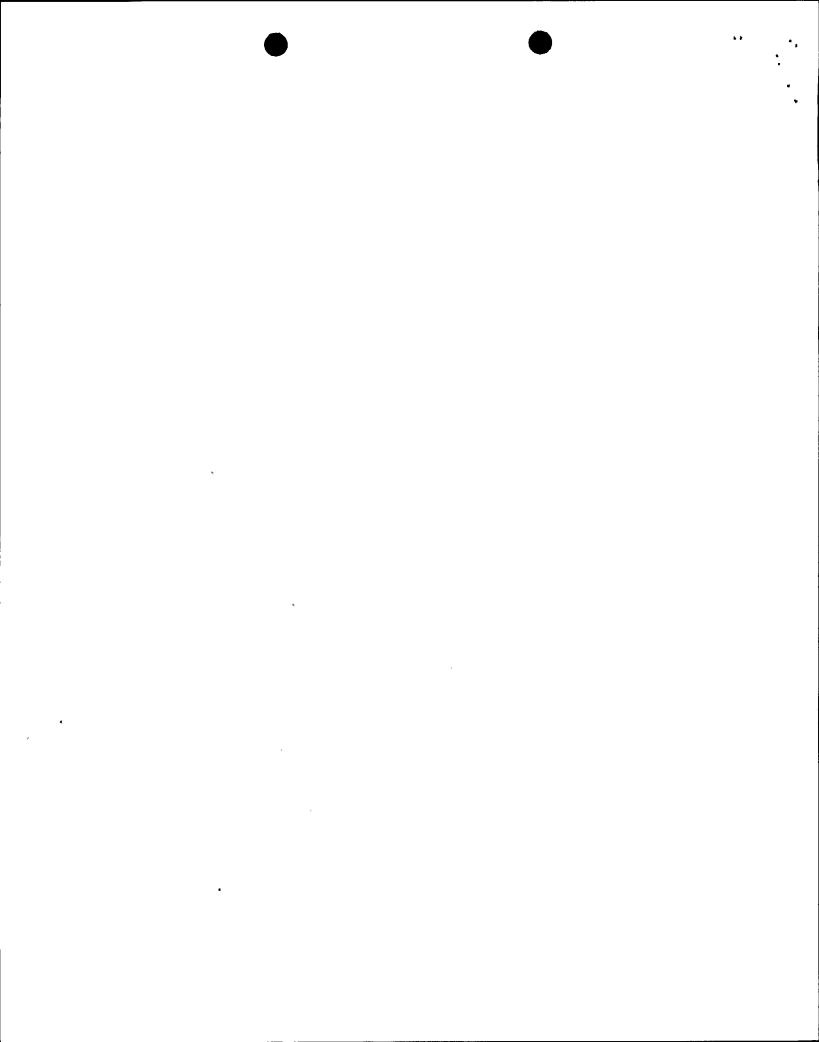
Harry Rood, Senior Project Manager

Project Directorate V

Division of Reactor Projects III/IV/V Office of Nuclear Reactor Regulation

Enclosure: Safety Evaluation

cc w/enclosure: See next page



Mr. Gregory M. Rueger Pacific Gas and Electric Company

cc:
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