

UNITED STATES NUCLEAR REGULATORY COMMISSIONPACIFIC GAS AND ELECTRIC COMPANYDOCKET NO.: 50-323ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from the requirements of Section 50.46(a)(1) to 10 CFR Part 50 to the Pacific Gas and Electric Company (the licensee) for the Diablo Canyon Nuclear Power Plant, Unit 2 (Diablo Canyon 2 or the facility) located on the licensee's site in San Luis Obispo County, California.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The exemption would allow for a temporary relief from the provisions of 50.46(a)(1) with respect to the requirement that the ECCS cooling performance be calculated on a plant specific basis using an approved ECCS evaluation model. The current calculated ECCS performance for the facility, as referenced in the Final Safety Analysis Report (FSAR), is not based on the actual operating conditions for the facility. The temporary relief would allow continued operation of the facility until a revised calculated ECCS cooling performance has been completed using an approved ECCS model and actual facility operating conditions. During the duration of the temporary relief granted by the exemption the heat flux hot channel factor,  $F_q$ , will be limited to a value of 2.30 as compared to a value of 2.32 used in the Technical Specification 3.2.2.

The Need for the Proposed Action: The proposed exemption is required to permit the licensee to continue operation of the facility.

Environment Impacts of the Proposed Action: With respect to the exemption the temporary relief from the above requirement of 10 CFR 50.46(a)(1) would

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involve no significant change in the probability or consequences of any accident previously analyzed, and no significant increase in the amounts and no significant change in the types of effluents that may be released offsite.' Further, there is no significant increase in individual or cumulative radiation exposure. Therefore, there are no unreviewed environmental questions involved.

Alternative to the Proposed Action: Because the staff has concluded that there is no measurable environmental impact associated with the proposed exemption, any alternative to this exemption will have either no significantly different environmental impact or greater environmental impact.

The principal alternative would be to deny the requested exemption. This would not reduce environmental impacts as a result of plant operations.

Alternative Use of Resources: This action does not involve the use of resources not previously considered in connection with the "Final Environmental Statement related to the operation of the Diablo Canyon Nuclear Power Plant, Units 1 and 2," dated May 1973.

Agencies and Persons Consulted: The NRC staff has reviewed the licensee's request that supports the proposed exemption. The NRC staff did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed exemption.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.




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For further details with respect to this action, see the request for the exemption dated February 21, 1986, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D.C., and at the California Polytechnic State University Library, Documents and Maps Department, San Luis Obispo, California 93407.

Dated at Bethesda, Maryland, this 25th day of February 1986.

FOR THE NUCLEAR REGULATORY COMMISSION



Jan A. Norris, Acting Director  
PWR Project Directorate No. 3  
Division of PWR Licensing-A

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