

December 18, 1987

Docket Nos. 50-275, 50-323

Mr. J. D. Shiffer, Vice President  
Nuclear Power Generation  
c/o Nuclear Power Generation, Licensing  
Pacific Gas and Electric Company  
77 Beale Street, Room 1451  
San Francisco, California 94106

Dear Mr. Shiffer:

SUBJECT: EXEMPTION RELATED TO 10 CFR PART 20 (TAC NOS. 61668 and 61669)

Enclosed for your information is a Notice of Environmental Assessment and Finding of No Significant Impact related to your exemption request of April 18, 1986 to use a protection factor for radioiodine with Mine Safety Appliances GMR-I canisters. The Notice is being forwarded to the Office of the Federal Register for publication.

Sincerely,

Charles M. Trammell, Project Manager  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosure:  
Notice

cc w/enclosure:

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See previous concurrence

OFC	: DRSP/PD5*	: DRSP/PD5	: DRSP/D:PD5*	: OGC *	:	:	:
NAME	: JLee	: CTrammell	: GKnighton	:	:	:	:
DATE	: 11/25/87	: 12/10/87	: 1/1/87	: 12/11/87	:	:	:

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Docket Nos. 50-275, 50-323

Mr. J. D. Shiffer, Vice President  
Nuclear Power Generation  
c/o Nuclear Power Generation, Licensing  
Pacific Gas and Electric Company  
77 Beale Street, Room 1451  
San Francisco, California 94106

Dear Mr. Shiffer:

SUBJECT: EXEMPTION RELATED TO 10 CFR PART 20 - PROTECTION FACTOR  
FOR MSA GMR-I CANISTERS (TAC NOS. 61668 AND 61669)

Enclosed for your information is a Notice of Environmental Assessment and Finding of No Significant Impact related to your exemption request of April 18, 1986 to use a protection factor for radioiodine with Mine Safety Appliances GMR-I canisters. The Notice is being forwarded to the Office of the Federal Register for publication.

Sincerely,

Charles M. Trammell, Project Manager  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosure:  
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OFC	: DRSP/PD5	: DRSP/PD5	: DRSP/PD5	: CGG	:	:
NAME	: JLee	: CTrammell	: GKnighton	: DB	:	:
DATE	: 1/12/87	: 10/27/87	: 12/9/87	: 12-1-87	:	:

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Pacific Gas and Electric Company

Diablo Canyon

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Pacific Gas & Electric Company

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Diablo Canyon

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UNITED STATES NUCLEAR REGULATORY COMMISSION  
PACIFIC GAS AND ELECTRIC COMPANY  
DIABLO CANYON NUCLEAR POWER PLANT  
DOCKET NOS. 50-275 AND 50-323  
ENVIRONMENTAL 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 10 CFR Part 20, Appendix A, footnote d-2(c), to Pacific Gas & Electric Company, who holds Facility Operating License Nos. DPR-80 and DPR-82, which authorize operation of Diablo Canyon Nuclear Power Plant, Unit Nos. 1 and 2. Units 1 and 2 (the facilities) are pressurized water reactors located in San Luis Obispo County, California.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action: The exemption from 10 CFR Part 20 would allow the use of a radioiodine protection factor of 50 for MSA GMR-I canisters at Diablo Canyon, Units 1 and 2.

The Need for the Proposed Action: The exemption is needed to facilitate refueling operations at Diablo Canyon by reducing the time and person-rem exposure required to complete tasks that require respiratory protection.

Environmental Impacts of the Proposed Action: There are no significant environmental impacts of the proposed action. The proposed exemption involves a change in the installation or use of a facility component located within the

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restricted area as defined in 10 CFR Part 20. The staff has determined that the proposed exemption involves no significant change in the types and no significant change in the amounts of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure.

With regard to potential nonradiological impacts, the proposed exemption involves systems located entirely within the restricted areas as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed exemption.

Alternative to the Proposed Action: We have concluded that there is no measurable environmental impact associated with the proposed exemption. The principal alternative would be to deny the requested exemption. This would not reduce environmental impacts of plant operation, and would not allow the licensee to reduce radiation exposures to plant workers as explained in the application.

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 Nuclear Generating Station Diablo Canyon Units 1 and 2" dated May 1973, and the "Addendum to the Final Environmental Statement for the Operation of the Diablo Canyon Nuclear Plant, Units 1 and 2," dated May 1976.

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

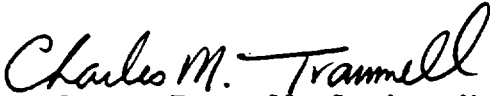
FINDING OF NO SIGNIFICANT IMPACT

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

For further details with respect to this action, see the application for exemption dated April 18, 1986 and supplemental information provided by letter dated July 15, 1986, which are 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, Government Documents and Maps Department, San Luis Obispo, California 93407.

Dated at Bethesda, Maryland, this 17 day of December, 1987.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Charles M. Trammell, Project Manager  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation