

UNITED STATES NUCLEAR REGULATORY COMMISSIONSOUTHERN CALIFORNIA EDISON COMPANYSAN DIEGO GAS AND ELECTRIC COMPANYDOCKET NO. 50-206SAN ONOFRE NUCLEAR GENERATING STATION, UNIT NO. 1ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Provisional Operating License No. DPR-13 issued to Southern California Edison Company, et al., (the licensee), for operation of San Onofre Nuclear Generating Station, Unit No. 1, located in San Diego County, California.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed amendment is a request to revise Technical Specification 4.2, "Safety Injection and Containment Spray System Periodic Testing," to add a new surveillance requirement for the proposed trip of the safety injection and main feedwater pumps on low-low refueling water storage tank (RWST) level. The proposed modification is designed to ensure that safety injection flow is terminated at the correct time and to minimize operator actions that may need to be taken in the short time frame of a few minutes. The proposed change would also revise the diesel generator load rejection surveillance test from 3220 Kw to 4000 Kw since the safety injection and feedwater pumps would be tripped simultaneously with the new trip circuit on low-low RWST level. The surveillance test would periodically confirm (at least every 18 months) that these pumps can be tripped as designed without causing a diesel-generator trip from overspeed.

The Need for the Proposed Action:

The proposed amendment is required to authorize the licensee to make the changes described above.

Environmental Impacts of the Proposed Action:

The proposed action would reduce the reliance on prompt operator action and thereby improve the reliability of the safety injection system.

The proposed action would not involve a significant change in the probability or consequences of any accident previously evaluated, nor does it involve a new or different kind of accident. Consequently, any radiological releases resulting from an accident would not be significantly greater than previously determined. The proposed amendment does not otherwise affect routine radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed amendment. The Commission also concludes that the proposed action will not result in a significant increase in individual or cumulative occupational radiation exposure.

With regard to nonradiological impacts, the proposed amendment 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 amendment.

The Notice of Consideration of Issuance of Amendment and Opportunity for Hearing in connection with this action was published in the Federal Register on January 17, 1989 (54 FR 1809). No request for hearing or petition for leave to intervene was filed following this notice.

Alternatives to the Proposed Action:

Because the Commission has concluded that there are no significant

environmental impacts associated with the proposed action, there is no need to examine alternatives to the proposed action.

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 operation of San Onofre Nuclear Generating Station, Unit No. 1, dated October 1973.

Agencies and Persons Consulted:

The NRC staff has reviewed the licensee's request that supports the proposed amendment. 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 amendment.

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

For further details with respect to this action, see the application for amendment dated November 11, 1988, which is available for public inspection at the Commission's Public Document Room, 2120 L Street NW., Washington, DC 20555, and at the General Library, University of California, P.O. Box 19557, Irvine, California 92713.

Dated at Rockville, Maryland, this 25th day of January 1989.

FOR THE NUCLEAR REGULATORY COMMISSION



*For* Robert B. Samworth, Acting Director  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation