

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 the technical specifications associated with Fuel Cycle 10. As a result of plugging additional steam generator tubes, the licensee exceeded the 15 percent value established in its safety analysis which required that the safety analysis be completely reviewed again to account for additional steam generator tube plugging. The licensee has elected to conduct the safety analyses assuming that 20 percent of all tubes in all three steam generators are plugged. In addition, the licensee has reanalyzed the main steam line break accident with more conservative time delays and a lower concentration of boric acid in the injection line. Finally, the licensee has reanalyzed the reactor coolant pump locked rotor and shaft break accidents to provide for reactor trip settings appropriate for lowered reactor coolant temperature operation.

8904200277 890406
PDR ADOCK 05000206
P PNU

The Need for the Proposed Action:

The proposed amendment is required to operate in Fuel Cycle 10 as described above.

Environmental Impacts of the Proposed Action:

The reanalysis has provided assurance that all acceptance criteria for postulated accidents continue to be satisfied with some small adjustments in the technical specifications. Therefore, 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 23, 1989 (54 FR 3169). 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.

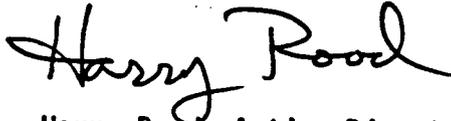
Based upon the foregoing environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated January 11, 1989, as supplemented January 27, March 4 and 11, 1989. These are 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 6th day of April, 1989.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "Harry Rood".

Harry Rood, Acting Director
Project Directorate V
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation