

SAFETY EVALUATION

AMENDMENT NO. 27 TO NPF-10

AMENDMENT NO. 16 TO NPF-15

SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 & 3

DOCKET NOS. 50-361 AND 50-362

Introduction

Southern California Edison Company, on behalf of itself and the other licensees, San Diego Gas and Electric Company, the City of Riverside, California, and The City of Anaheim, California submitted applications for license amendments for San Onofre Nuclear Generating Station, Units 2 and 3, by letters dated September 3, 1982 and January 25, 1983 (reference Proposed Change Number 15 or PCN-15). The amendments would change Technical Specification 3.4.1.4.1, "REACTOR COOLANT SYSTEM; COLD SHUTDOWN - LOOPS FILLED" to allow removal of both trains of shutdown cooling from service while in MODE 5, provided that one reactor coolant pump is in operation and both reactor coolant loops are operable. The NRC staff's evaluation of the proposed change is given below.

Evaluation

The proposed Technical Specification is similar to that which applies in Mode 4 (Specification 3.4.1.3). The major differences between plant conditions in Mode 4 and Mode 5 with the primary loop filled are temperature, pressure and required shutdown margin. The licensees have evaluated all of these differences with respect to the proposed specifications and found them to be not significant with regard to plant safety. In either mode with reactor coolant loops filled, a single shutdown cooling train or a single reactor coolant loop provides sufficient heat removal capacity to remove decay heat. In addition, single failure considerations require that the other reactor coolant loop be operable, but not necessarily in operation.

The staff has reviewed the licensee's evaluation and agrees with the licensees that the proposed specification will not compromise the ability to cool the reactor and thereby maintain the reactor at the safe shutdown conditions. Accordingly, the NRC staff finds the proposed change to be acceptable.

Contact With State Official

The NRC staff has advised the Chief of the Radiological Health Branch, State Department of Health Services, State of California, of the proposed determinations of no significant hazards consideration. No comments were received.

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Environmental Consideration

These amendments involve changes in the installation or use of facility components located within the restricted area. The staff has determined that the amendments involve no significant increase in the amounts of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupation radiation exposure. The Commission has previously issued proposed findings that the amendments involve no significant hazards consideration and there has been no public comment on such findings. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR Sec. 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

Conclusion

Based upon our evaluation of the proposed changes to the San Onofre Units 2 and 3 Technical Specifications, we have concluded that there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and such activities will be conducted in compliance with the Commission's regulations and the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public. We, therefore, conclude that the proposed change is acceptable.

Dated: November 9, 1984

NR
DL:LB#3
HRood/yt
10/17/84

GW
DL:LB#3
GWKnighton
10/5/84
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ISSUANCE OF AMENDMENT NO. 27 TO FACILITY OPERATING LICENSE NPF-10 AND
AMENDMENT NO. 16 TO FACILITY OPERATING LICENSE NPF-15 SAN ONOFRE
NUCLEAR GENERATING STATION, UNITS 2 AND 3

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Docket Nos.: 50-361/362

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