



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 71 TO PROVISIONAL OPERATING LICENSE NO. DPR-13  
SOUTHERN CALIFORNIA EDISON COMPANY  
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT NO. 1  
DOCKET NO. 50-206

1.0 INTRODUCTION

By letter dated September 9, 1983, Southern California Edison Company (the licensee) proposed changes to the Technical Specifications for San Onofre Nuclear Generating Station, Unit No. 1. These changes would require the isolation valves of the Sphere Purge Air Supply and Air Outlet lines to be maintained in a locked closed position during Modes 1, 2, 3, and 4.

A Notice of Consideration of Issuance of Amendment and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on November 22, 1983 (48 FR 52826). A request for hearing and public comments were not received.

2.0 DISCUSSION AND EVALUATION

The NRC staff has under review the generic concerns of purging and venting of reactor containments (Multiplant Action Item No. B-24). By letter dated February 17, 1982, the NRC staff summarized the status of the review of this topic for San Onofre Unit No. 1. In enclosure 4 to the February 17, 1982 letter, the staff indicated agreement with the licensee that maintaining the 24-inch purge system isolation valves locked closed during plant operation in Modes 1 through 4 will preclude the release of radioactivity to the environs via the containment purge system should a LOCA occur. Accordingly, the licensee was requested to propose a Technical Specification change to maintain these valves in a locked closed position during Modes 1 through 4.

The licensee's September 9, 1983 letter proposed modifying Table 3.6.2-1 of the Technical Specifications to require that manual valves CVS-301 and CVS-313 (previously designated as 9A and 10A) of the Sphere Purge Air Supply and Air Outlet lines, respectively, be locked closed during Modes 1, 2, 3, and 4 to assure that the containment purge lines maintain containment isolation.

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Manual valves CVS-301 and CVS-313 are in series with valves POV-9 and POV-10, respectively. Locking closed CVS-301 and CVS-313 (or POV-9 and POV-10) will provide containment isolation for the purge air supply and air outlet lines. The NRC staff finds that locking closed valves CVS-301 and CVS-313 during Modes 1 through 4 will preclude release of radioactivity to the environs through these lines in the event of a LOCA. The staff, therefore, concludes that the proposed Technical Specification is acceptable.

### 3.0 ENVIRONMENTAL CONSIDERATION

The staff has determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, the staff has further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

### 4.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner; and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

### 5.0 ACKNOWLEDGEMENT

W. Paulson prepared this evaluation.

Dated: February 17, 1984