



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 83 TO PROVISIONAL OPERATING LICENSE NO. DPR-20

CONSUMERS POWER COMPANY

DOCKET NO. 50-255

PALISADES PLANT

1.0 INTRODUCTION

By letter dated August 29, 1983 Consumers Power Company (the licensee) proposed a change to the Technical Specifications for the Palisades plant. This change would delete the third (spare) high pressure safety injection pump from the design features of the emergency core cooling system in Section 5.3.3 of the Technical Specifications because this spare pump has been adapted for auxiliary feedwater service.

A Notice of Consideration of Issuance of Amendment to License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on March 22, 1984 (49 FR 10732). A request for hearing and public comments were not received.

2.0 DISCUSSION

By letter dated November 2, 1981, Consumers Power Company proposed to modify the Palisades Plant design in response to NUREG-0737 Action Item II.E.1.1, "Auxiliary Feedwater System Evaluation." The proposed design modification would adapt the existing spare high pressure safety injection (HPSI) pump, P66C, for auxiliary feedwater service. This modification is to be implemented during the current refueling outage that began in August 1983. The licensee's August 29, 1983 proposed Technical Specification change would modify the system description in Section 5.3.3 to reflect the design change.

3.0 EVALUATION

Section 3.3.1.d of the Palisades Technical Specifications requires that two HPSI pumps be operable (one per bus). Deleting the third (spare) HPSI pump does not impact this limiting condition for operation. In addition, the third HPSI pump was not relied on in the analysis of the performance of the Palisades Emergency Core Cooling System (ECCS). Accordingly, the deletion of this installed spare HPSI pump from the description of the design features of the ECCS does not affect the safety of the plant. Based on the review of the licensee's August 29, 1983 submittal, the NRC staff concludes that the deletion of the third (spare) pumps from Section 5.5.3 of the Technical Specification is acceptable.

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4.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation or use of a facility component located within the restricted area. The staff has determined that the amendment involves 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 occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets 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 this amendment.

5.0 CONCLUSION

The staff has concluded, based on the consideration 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.

6.0 ACKNOWLEDGEMENT

W. Paulson prepared this evaluation.

Dated: June 19, 1984