



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO.117 TO FACILITY OPERATING LICENSE NO. DPR-58
AND AMENDMENT NO.103 TO FACILITY OPERATING LICENSE NO. DPR-74
INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNITS NOS. 1 AND 2
DOCKETS NOS. 50-315 AND 50-316

1.0 INTRODUCTION

By letter dated December 8, 1986, as supplemented August 7, 1987, the Indiana Michigan Power Company (the licensee) requested amendments to the Technical Specifications (TSs) appended to Facility Operating Licenses Nos. DPR-58 and DPR-74 for the Donald C. Cook Nuclear Plant, Units Nos. 1 and 2. The proposed amendments would revise the TSs by replacing the liquid radwaste effluent line monitor designated as R-18 with a new monitor designated as RRS-1001. The amendments would also add periodic Channel Functional Tests as a surveillance requirement and a footnote to allow R-18 to meet the TS requirement until the new monitor, RRS-1001, is operable.

2.0 EVALUATION

The licensee has proposed to change the monitor designation in TS Table 3.3-12, Item 1.a, from 1-R-18 (Unit 1) and 2-R-18 (Unit 2) to 12-RRS-1001 to reflect the new monitor. Additional changes are proposed to: (1) allow the existing monitor to be used until the new monitor is operable, (2) indicate that operability of flowswitch RFS-1010 is required for operability of the new monitor, and (3) specify Channel Functional Test surveillance requirements for the new monitor. The reason for this request is to replace the existing liquid radwaste effluent line monitor, which has experienced continuing problems due to radioactive material buildup on the interior monitor surfaces and resultant background radiation interference which hinders the ability of the monitor to detect low radioactive discharge concentrations. The new monitor will be less susceptible to long-term radioactive material buildup and also more sensitive to the gamma component of the liquid radioactive effluent. Thus, the new monitor's performance will improve over the existing monitor.

Our review of the proposed changes indicates that the proposal is acceptable and does not affect the reliability or operability of safety systems as required for safe plant operation, shutdown, or accident mitigation.

Based on the above evaluation, we find the proposed changes to the TSs acceptable.

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3.0 ENVIRONMENTAL CONSIDERATION

These amendments involve a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and a change in a surveillance requirement. We have determined that the amendments involve no significant increase in the amounts, and no significant change in the types, 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 these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 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.

4.0 CONCLUSION

We have 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 the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: June 15, 1988

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