



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO.145 TO FACILITY OPERATING LICENSE NO. DPR-58
AND AMENDMENT NO.132 TO FACILITY OPERATING LICENSE NO. DPR-74
INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-315 AND 50-316

1.0 INTRODUCTION

By letter dated November 28, 1989, Indiana Michigan Power Company (the licensee) requested amendments to the D. C. Cook, Units 1 and 2 Technical Specifications (TS). The proposed amendments would change TS 3/4.8.1, "A.C. Sources," to require that each diesel generator fuel storage tank contain at least 46,000 gallons of fuel. The amendments also clarify the TS requirement to state that the minimum fuel storage tank volume is based on the indicated volume of fuel in the tank.

2.0 EVALUATION

In response to NRC Information Notice 89-50, the licensee reevaluated the minimum fuel requirements for the diesel generators using the method recommended in ANSI N195-1976. The volume of fuel needed to run each diesel for seven consecutive days at full load (43,240 gallons) exceeds the present TS minimum volume of 42,000 gallons. Currently, the licensee has administrative controls in effect to limit each minimum diesel generator fuel tank volume to 46,000 gallons.

The licensee's method for measuring fuel tank volume is to use a depth stick to determine fuel tank level. Due to the geometry of the tank, not all of the fuel contained in the tank is available for the diesel. The licensee considers this TS requirement to be sufficiently vague that a change to the bases of this TS has been proposed. The licensee has requested that the bases be changed to note that the 46,000 gallon minimum volume is based upon the indicated volume, not the available volume. The proposed minimum volume of 46,000 gallons allows sufficient margin from the 43,240 gallons calculated using ANSI N195-1976 to account for this discrepancy.

The proposed changes to the TS place additional restrictions upon the amount of fuel which must be maintained in each diesel generator fuel tank and, therefore, are conservative. Based upon the above evaluation, the staff concludes that the licensee's proposed TS change is acceptable.

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3.0 ENVIRONMENTAL CONSIDERATION

These amendments involve a change in a requirement with respect to 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 amendment.

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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) 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: August 13, 1990

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