



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 79 TO FACILITY OPERATING LICENSE NO. NPF-43

DETROIT EDISON COMPANY

FERMI-2

DOCKET NO. 50-341

1.0 INTRODUCTION

By letter dated September 24, 1991, the Detroit Edison Company (DECo or the licensee) requested amendment to the Technical Specifications (TS) appended to Facility Operating License No. NPF-43 for Fermi-2. The proposed amendment would change TS Table 3.3.6-2, Control Rod Block Instrumentation Setpoints, to specify the correct downscale trip setpoint (DTSP) for the rod block monitor (RBM) system.

2.0 EVALUATION

The RBM system design was modified during the recent second refueling outage. The staff reviewed the new design and associated TS changes submitted by DECo and as a result issued Amendment 69 to the Fermi 2 Operating License.

Through an oversight DECo failed to request a necessary TS change to the RBM downscale trip set point. The RBM design was changed to provide a more direct trip logic which included a calibration to a fixed reference upon rod selection rather than calibration to a reference average power range monitor (APRM) signal. The new design sets the DTSP at a level of 94% of the fixed reference. However, the TS value was not changed from the previous value of 5% of rated thermal power, a set point given in terms of the reference APRM signal.

The proposed TS change corrects this oversight by providing the correct TS limits for the RBM DTSP. The values are consistent with the RBM design previously reviewed and approved by the staff for Fermi-2 Operating License Amendment 69. Based on the above, the staff finds the proposed change acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Michigan State official was notified of the proposed issuance of the amendment. The State official had no comments.

#### 4.0 ENVIRONMENTAL CONSIDERATION

The amendment changes 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. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents which may be released off-site, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, the amendment meets 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 the amendment.

#### 5.0 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: J. Stang

Date: December 27, 1991

DATED: December 27, 1991

AMENDMENT NO. 79 TO FACILITY OPERATING LICENSE NO. NPF-43-FERMI-2

Docket File

NRC & Local PDRs

PDIII-1 Reading

Ferri Plant File

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