



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 114 TO FACILITY OPERATING LICENSE MPF-9
AND AMENDMENT NO. 96 TO FACILITY OPERATING LICENSE MPF-17

DUKE POWER COMPANY

DOCKET NOS. 50-369 AND 50-370

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

1.0 INTRODUCTION

By letter dated April 24, 1990, Duke Power Company (the licensee) proposed amendments for McGuire Nuclear Station, Units 1 and 2. The proposed amendments would provide for the relocation of tabular listings of containment penetration conductor overcurrent protective devices from the Technical Specifications (TSs) to Chapter 16 of the Final Safety Analysis Report (FSAR), "Selected Licensee Commitment Manual." Specifically, TS Table 3.8-1a, "Unit 1 Containment Penetration Conductor Overcurrent Protective Devices," and TS Table 3.8-1b, "Unit 2 Containment Penetration Conductor Overcurrent Protective Devices," would be deleted, and references to them in TSs 3/4.8.4 would be changed to reference FSAR Chapter 16. The TS Index would be updated to reflect these deletions.

2.0 EVALUATION

TS Tables 3.8-1a and 3.8-1b list devices (deenergizing circuit breakers and fuses) associated with the protection of containment electrical penetrations and penetration conductors due to excessive current. For each device number, the tables identify location, trip setpoint or continuous rating, response time, and the associated system powered by the circuit. The proposed amendments involve no substantive changes to the contents of the tables, only format changes due to their relocation from the TSs to the FSAR. TS 3.8.4 requires, as a limiting condition for operation (LCO), that the devices listed in these tables be maintained operable while the facility is in Modes 1, 2, 3, and 4; TS 4.8.4 requires, as a surveillance requirement (SR), that the devices periodically be demonstrated operable and functionally tested. These LCOs and SRs would not be changed by the proposed amendments except to reflect the revised location of the tables. Consequently, all of the proposed changes are of an administrative nature.

McGuire FSAR Chapter 16 contains selected licensee commitments, primarily derived from former TSs, to control important plant equipment and operating conditions. The commitments involve systems and components that are part of the licensing basis, as described elsewhere in the FSAR, but that are not of such a level of importance as to require the more rigorous controls associated with TSs. For convenience, Chapter 16 is located in a separate binder entitled "McGuire Nuclear Station Units 1 and 2 Selected Licensee Commitments." A copy is located in the McGuire control room for use by operators along with the TS document. The manual is also received and maintained by holders of the FSAR and

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key station personnel that are holders of the TSs. Station activities required by these commitments are controlled and implemented in accordance with the licensee's procedures and directives.

In the event future changes are needed to this information in the FSAR, the proposed changes would be evaluated in accordance with the process described in 10 CFR 50.59. Under 10 CFR 50.59, proposed changes determined by the licensee not to involve an unreviewed safety question may be made without prior Commission approval. A report of such changes, including a summary of the safety evaluation of each, would be submitted annually to the Commission. Additionally, the licensee requires that all changes to the FSAR Chapter 16 receive Station Manager approval, and that, upon issuance, all revisions to FSAR Chapter 16 be distributed to holders of the Selected Licensee Commitment Manual, including the NRC. The Commission has determined, as part of its implementation policy for TS improvements, that the lists of these overcurrent protective devices are appropriate for relocation to a document controlled by the licensee under 10 CFR 50.59.

Accordingly, we find that the proposed changes have no adverse impact upon safety and are, therefore, acceptable.

3.0 ENVIRONMENTAL CONSIDERATION

These amendments involve changes in a requirement with respect to the installation or use of facility components located within the restricted area as defined in 10 CFR Part 20 and changes in surveillance requirements. The staff has 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, the 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

The Commission's proposed determination that the amendments involve no significant hazards consideration was published in the Federal Register (55 FR 20353) on May 16, 1990. The Commission consulted with the State of North Carolina. No public comments were received, and the State of North Carolina did not have any comments.

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

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Dated: September 18, 1990

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AMENDMENT NO. 114 TO FACILITY OPERATING LICENSE NPF-9 - McGuire Nuclear Station, Unit 1
AMENDMENT NO. 96 TO FACILITY OPERATING LICENSE NPF-17 - McGuire Nuclear Station, Unit 2

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