



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

SAFETY EVALUATION REPORT

RELATED TO AMENDMENT NO. 39 TO FACILITY OPERATING LICENSE NPF-9

AND TO AMENDMENT NO. 20 TO FACILITY OPERATING LICENSE NPF-17

DUKE POWER COMPANY

I. INTRODUCTION

By letter dated November 16, 1984, Duke Power Company requested changes to Technical Specifications to reflect the transition to the use of optimized fuel assemblies (OFA). This evaluation addresses only one of the requested changes and, therefore, is a partial response to the letter of November 16, 1984.

II. EVALUATION

One of the requested changes, applicable to both McGuire Units 1 and 2, is the deletion of a provision in Technical Specification 3.5.1.2, "Upper Head Injection," which allows the upper head injection accumulator system to be inoperable at less than or equal to 46% rated thermal power. The analysis performed to allow operation at less than or equal to 46% rated thermal power with the upper head injection accumulator system inoperable which was the basis for a recent Technical Specification change (Amendment Nos. 37 and 18 to McGuire Nuclear Station, Units 1 and 2, Facility Operating Licenses NPF-9 and NPF-17, respectively) is valid only for the Westinghouse 17x17 low-parasitic (STD) fuel design, and thus will not be applicable once an OFA reload occurs.

Therefore, since McGuire Unit 2 is currently performing an OFA reload, and McGuire Unit 1 has performed an OFA reload, Technical Specification 3.5.1.2 is being revised to restore the previous action statements applicable to periods when the upper head injection accumulator system is inoperable. The NRC staff has reviewed this change and concluded that it is acceptable.

III. ENVIRONMENTAL CONSIDERATION

These amendments involve a change in use of facility components located within the restricted area as defined in 10 CFR Part 20. 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 Section 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.

IV. CONCLUSION

The Commission made a proposed determination that the amendments involve no significant hazards consideration which was published in the Federal Register (49 FR 50802) on December 31, 1984, and 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: February 6, 1985

February 6, 1985

AMENDMENT NO. 39 TO FACILITY OPERATING LICENSE NPF-9 - McGUIRE NUCLEAR STATION, UNIT 1
AMENDMENT NO. 20 TO FACILITY OPERATING LICENSE NPF-17 - McGUIRE NUCLEAR STATION, UNIT 2

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