

1000 1 1981

SAFETY EVALUATION BY THE
OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 1
TO LICENSE NPF-9
DUKE POWER COMPANY

Introduction

By letter dated June 17, 1981 the licensee requested certain revisions to the McGuire Nuclear Station Unit 1 Technical Specifications, Appendix A, to License NPF-9. These revisions are:

1. Revision to a diesel generator testing requirements.
2. Correction to listing of fire detection instrumentation.

The McGuire Unit 1 Technical Specifications were issued on June 12, 1981 as an integral part of the facility operating license and are standard Westinghouse-PWR technical specifications reflecting plant specific design.

Evaluation

The McGuire Nuclear Station utilizes the standard Westinghouse-PWR technical specifications and as such have been developed to reflect the McGuire design features.

With respect to item (1), the requirement (T.S.4.8.1.1.2.d.8) to perform a test loading of the diesel generator with design accident loads within 5 minutes after completion of a 24 hour test run is a requirement reflecting the staff position regarding diesel generator testing of Regulatory Guide 1.108, "Periodic Testing of Diesel Generator Units as Onsite Electric Power Systems at Nuclear Power Plants". The diesel generator should be so tested during the plant preoperational test program and at least once every 18 months. A successful test loading of both McGuire Unit 1 diesel generators with accident loads was performed during preoperational testing. The technical specification requirement has been revised to reflect the staff testing requirements.

Item (2) relates to fire detection instruments that are required to be operable in each fire zone. The number and location of smoke detectors and fixed temperature/rate of rise detectors is governed by criteria and requirements of National Fire Protection Association Code 72E-1974. Only one detector is required for each unobstructed fire zone. Additional detectors have been added to compensate for obstructions caused by the amount of cable located in each fire zone. We conclude that the proposed revision is in compliance with the foregoing and is acceptable.

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Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

DATE: JUN 19 1981