

Duke Power Company
McGuire Nuclear Generation Department
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DUKE POWER

September 28, 1994

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 22055

Subject: McGuire Nuclear Station, Units 1 and 2
Docket Nos. 50-369 and 50-370
Proposed Technical Specification Amendments
4 kV Degraded Voltage Relay Setpoints
Tables 3.3-3, 3.3-4, 3.3-5, and 4.3-2

Dear Sir:

Pursuant to 10 CFR 50.4 and 50.90, please find attached (Attachment 1) proposed license amendments to Appendix A (Technical Specifications) of Facility Operating Licenses NPF-9 and NPF-17 for McGuire Nuclear Station. The proposed changes provided by this submittal update the "Loss of Power" functional unit of the Engineered Safety Features Actuation System (ESFAS) Instrumentation tables within the Technical Specifications (TS) for McGuire Nuclear Station. The specific tables being revised are Tables 3.3-3, 3.3-4, 3.3-5, and 4.3-2.

The current TS for the "Loss of Power" functional unit includes only one level of undervoltage protection that covers both the loss of voltage and degraded voltage conditions on the 4160 Volt Essential Auxiliary Power System buses. McGuire Nuclear Station is planning to update this existing level of undervoltage protection to be exclusively for loss of voltage, and add a second level of undervoltage protection to be exclusively for degraded voltage.

As such, modifications to install the degraded voltage protective relay scheme are planned for both units. The modification for Unit 1 is being installed but not activated during the current Unit 1 end-of-cycle 9 refueling outage, 8/19/94 to 10/20/94. The modification for Unit 2 will be installed during the Unit 2 end-of-cycle 9 refueling outage, 11/24/94 to 1/28/95. Upon approval of these TS amendments by the NRC, these modifications will be activated after the completion of the Unit 2 modification.

Attachment 1 contains the marked up TS pages indicating the proposed changes. Attachment 2 contains the technical justification for the proposed changes. Attachment 3 contains the safety analysis. Pursuant to 10 CFR 50.91, Attachment 4 provides the analysis performed in accordance with the standards contained in 10 CFR 50.92. This analysis concluded that the proposed amendments do not involve a significant hazards consideration. By copy of this submittal, this amendment request application and No Significant Hazards Consideration Evaluation are being forwarded to the appropriate North Carolina State Official.

We request that the effective date for these TS amendments (for both units) be 60 days after the completion date of the Unit 2 modification, or 60 days after the approval date, whichever is later.

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Please contact P. T. Vu of McGuire Regulatory Compliance group at (704) 875-4302 if there are any questions regarding this license amendment submittal.

Very truly yours,



T.C. McMeekin

PTV/TS332.esf

Attachments

xc: (w/attachments)

Mr. S.D. Ebner
Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta St., NW, Suite 2900
Atlanta, GA. 30323

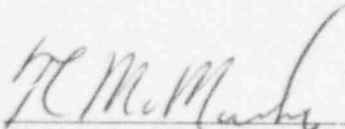
Mr. V. Nerses
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
One White Flint North, Mail Stop 9H3
Washington, D.C. 20555

Mr. G. Maxwell
NRC Resident Inspector
McGuire Nuclear Station

Mr. Dayne Brown, Chief
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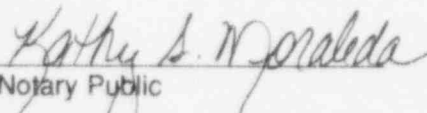
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T.C. McMeekin, being duly sworn, states that he is Vice-President of Duke Power Company; that he is authorized on the part of said company to sign and file with the U.S. Nuclear Regulatory Commission these revisions to the McGuire Nuclear Station license Nos. NPF-9 and NPF-17; and, that all statements and matters set forth therein are true and correct to the best of his knowledge.



T.C. McMeekin, Site Vice-President

Subscribed and sworn to before me this 28th day of September 1994.



Notary Public

My Commission Expires:

December 13, 1998

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bx: (w/attachments)

G.D. Gilbert
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MNS RGC Tech. Spec. Subject File