

Duke Power Company
McGuire Nuclear Generation Department
12700 Hagers Ferry Road (MG01A)
Huntersville, NC 28078-8985

T. C. McEekin
Vice President
(704)875-4800
(704)875-4809 FAX



DUKE POWER

November 11, 1993

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Subject: McGuire Nuclear Station, Units 1 and 2
Docket Nos. 50-369 and 50-370
Proposed Technical Specification (TS) Amendment
ECCS Subsystem Surveillance Requirements
(TS 4.5.2f and 4.5.2h)

Dear Sir:

Pursuant to 10 CFR 50.4 and 10 CFR 50.90, attached are proposed license amendments to Appendix A of Facility Operating Licenses NPF-9 and NPF-17 for McGuire Nuclear Station Units 1 and 2, respectively. The proposed changes to the TS provided by this submittal revises certain surveillance requirements for the ECCS subsystems. Specifically, the proposed TS changes would:

- 1) Revise the minimum developed head requirement for the centrifugal charging pumps (CCPs), the safety injection pumps (SIPs) and the residual heat removal pumps (RHRPs).
- 2) Revise the sum of the minimum injection flowrates for the CCPs, SIPs and the RHRPs.
- 3) Revise the total maximum pump flowrate (runout limit) for the CCPs and the SIPs

Duke was notified of additional information and of changes in the generic runout limits for the centrifugal charging and safety injection pumps that are utilized at both McGuire and Catawba Nuclear Stations. In response and where runout was predicted to occur, short term actions were taken. As a final solution in preventing runout for these pumps, it was determined that the flow balance requirements for the ECCS subsystem would be revised. To implement this solution, the proposed TS amendment is required.

9312010116 931111
PDR ADOCK 05000369
P PDR

PRINTED ON RECYCLED PAPER

A001
11

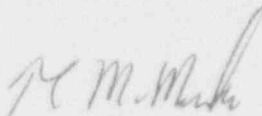
U. S. Nuclear Regulatory Commission
November 11, 1993
page 2

Attachment 1 contains the marked up TS pages indicating the proposed changes. Attachment 2 contains the technical justification for the proposed changes. Pursuant to 10 CFR 50.91, Attachment 3 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 is being forwarded to the appropriate North Carolina state official.

As a final note, NRC's timely review and approval of this TS amendment is requested. Implementation of these TS changes will ensure that pump runout will not occur for the centrifugal charging pumps and the safety injection pumps during the injection and recirculation phases of a LOCA; Thereby, enhancing overall plant safety.

Please contact Paul Guill at (704) 875-4002 if there are any questions regarding this submittal

Very truly yours,

A handwritten signature in dark ink, appearing to read 'T. C. McMeekin', is written above the printed name.

T. C. McMeekin

U. S. Nuclear Regulatory Commission
November 11, 1993
page 3

xc: Mr. S. D. Ebnetter
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

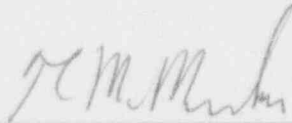
Mr. George F. Maxwell
Senior NRC Resident Inspector, McGuire
McGuire Nuclear Station

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

Dayne Brown, Chief
Division of Radiation Protection
P. O. Box 27687
Raleigh, North Carolina 27611-7687


U. S. Nuclear Regulatory Commission
November 11, 1993
page 4

T. C. McMeekin, being duly sworn, states that he is Vice President of Duke Power Company, McGuire Nuclear Site; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this revision to the McGuire Nuclear Station License numbers NPF-9 and NPF-17, and that all the statements and matters set forth therein are true and correct to the best of his knowledge.



T. C. McMeekin, Vice President
McGuire Nuclear Site

Subscribed and sworn to before me this 11th day of November, 1993.


Notary Public

My Commission Expires:

December 13, 1993