

Duke Power Company
McGuire Nuclear Generation Department
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Huntersville, NC 28078-8985

T. C. McMEIKIN
Vice President
(704)875-4800
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DUKE POWER

May 13, 1993

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 Change
Maximum Allowable Power Range Neutron Flux High
Setpoints With Inoperable Steam Line Safety Valves
During Four Loop Operation
(T. S. 3.7.1 Table 3.7-1)

Dear Sir:

Pursuant to 10CFR 50.4 and 50.90, attached is a proposed license amendment to Appendix A, Technical Specifications, of Facility Operating Licenses NPF-9 and NPF-17 for McGuire Nuclear Station Units 1 and 2, respectively. The proposed change would reduce the maximum allowable power range neutron flux high setpoints (percent of rated thermal power) as follows:

Max. # of Inop. Safety Valves on Any S/G	Max. Allow. Power Range Neutron Flux High Setpoint (Current Value)	(Proposed Value)
1	87%	84%
2	65%	60%
3	43%	35%

The current reduced trip setpoints were derived by multiplying the ratio of the total remaining relieving capacity of the operable valves to the total relieving capacity of all valves in one steam line by the maximum trip setpoint for normal operation. The current reduced trip setpoints are incorrect and non-conservative. The proposed new trip setpoints are derived using the actual different relieving capacities of the valves (see Attachment 2 Justification for details).

Attachment 1 contains the proposed Technical Specification change. Attachment 2 contains the Justification and Safety Analysis. Attachment 3 contains the Significant Hazards Considerations.

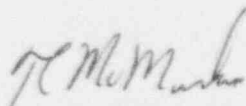
Should you have any questions, please contact P.T. Vu at (704) 875-4302.

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PDR ADOCK 05000369
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Very truly yours,



T.C. McMeekin

PTV/TS371.sm

Attachments

xc: (w/attachments)

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

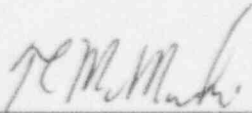
Mr. V. Nerses
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
One White Flint North, Mail Stop 9H3
Washington, D.C. 20555

Mr. P.K. VanDoorn
NRC Resident Inspector
McGuire Nuclear Station

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

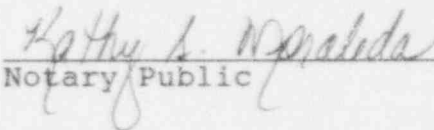
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T. C. McMeekin, being duly sworn, states that he is Vice-President of Duke Power Company; that he is authorized on the part of said company to sign and file with the U.S. Nuclear Regulatory Commission these revisions to the McGuire Nuclear Station 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 thirteenth day of May 1993.


Notary Public

My Commission Expires:

December 13, 1993

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bxc: (w/attachments)

NSRB (EC12A)
E.G. Blough (MG02ME)
J.J. Nolin (MG02ME)
L.S. Davis (MG02ME)
A.V. Carr
W.M. Sample (EC05N)
R.O. Sharpe
R.C. Futrell (CN01RC)
M.E. Patrick (ON03RC)
G.D. Gilbert
M.E. Paccetti (MG02ME)
B.H. Hamilton
File: 801.01
File: PIR 0-M92-0136