

Encl. Contain
PROPRIETARY

DUKE POWER COMPANY
P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

April 27, 1983

TELEPHONE
(704) 373-4531

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Ms. E. G. Adensam, Chief
Licensing Branch No. 4

Re: McGuire Nuclear Station
Docket Nos. 50-369, 50-370

Dear Mr. Denton:

Our letter of November 23, 1982 contained a proposed amendment to Facility Operating License No. NPF-9 for McGuire Unit 1 concerning reduced measurement uncertainty for Reactor Coolant System (RCS) flow rate. Based upon several questions and concerns expressed by the NRC staff, the November 23, 1982 submittal is being revised as shown in the attached pages. The reasons for the revision of the November 23, 1982 submittal are summarized as follows:

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change: E
PDR 1 NP
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NSC 1 NP
NTIS 1 NP
ADD:
T. Dunning
F. ROSA
Y. Hsu
L. Phillips
C. Berlinger
w/checkbox:
\$400.00
- (1) Several factors which can affect the RCS flow rate measurement uncertainty analysis were neglected due to the determination that these factors were insignificant relative to the conservatisms included in the analysis. Because the NRC staff has questioned the insignificance of these factors in letters dated March 2, 1983 and March 17, 1983 and in a meeting on April 25, 1983, the analysis has been revised to include them. Note that after including these factors in the uncertainty analysis and removing certain conservatisms, the analysis still supports the RCS flow measurement uncertainty of 1.7% which was proposed in our November 23, 1982 submittal. A more detailed discussion of the revised analysis assumptions is included in the attached pages.
 - (2) A penalty of 0.1% RCS flow for undetected feedwater venturi fouling has been included in the proposed amendment. The reason for this change is discussed in the attached pages.
 - (3) Several editorial changes have been made to the uncertainty analysis for clarification, and explanatory notes have been added.

We also request at this time that the same proposed amendment be made to Facility Operating License No. NPF-17 for McGuire Unit 2. The information supporting this proposed amendment which is provided in this letter and in our letters of March 14, 1983 and March 28, 1983 applies to McGuire Unit 2 in addition to McGuire Unit 1, except as noted in the attached pages. Pursuant to 10 CFR 170.22, enclosed is a check for \$400. for this Class I amendment. This proposed amendment has been reviewed and determined to have no adverse safety or environmental impact.

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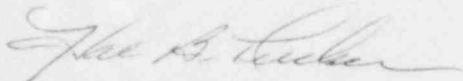
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It is respectfully requested that these proposed amendments be handled expeditiously because McGuire Unit 1 is currently limited by Technical Specification 3/4.2.3 to operation at less than 90% rated thermal power level and is expected to reach this power level about May 10, 1983. This revision to the proposed amendment is primarily based upon NRC staff comments expressed in an April 25, 1983 meeting and, therefore, could not have been provided earlier.

Please note that this submittal contains information proprietary to Westinghouse Electric Corporation. Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.790 of the Commission's regulations. An Application for Withholding will be submitted later along with an affidavit signed by Westinghouse, the owners of the information, which will set forth the basis on which the information may be withheld from public disclosure by the Commission.

Very truly yours,



Hal B. Tucker

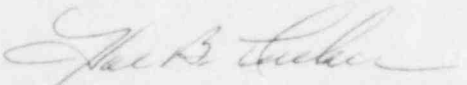
REH:jfw
Attachments

cc: Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Mr. W. T. Orders
NRC Resident Inspector
McGuire Nuclear Station

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HAL B. TUCKER 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 Nuclear Regulatory Commission this revision to the McGuire Nuclear Station Technical Specifications, Appendix A to 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.



Hal B. Tucker, Vice President

Subscribed and sworn to before me this 27th day of April, 1983.



Notary Public

My Commission Expires:

September 20, 1984