

DUKE POWER COMPANY

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CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

October 1, 1982

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

Reference: McGuire Nuclear Station
Units 1 and 2
Docket Nos. 50-369, 50-370

Dear Mr. Denton:

Duke Power Company is filing herewith Amendment No. 69 to its Application for Licenses for the McGuire Nuclear Station which is under construction pursuant to Construction Permit CPPR-84. This filing includes three signed original copies of the amendment with attachments consisting of updated General Information pursuant to 10 CFR 50.33, "Revision 43 to the Final Safety Analysis Report" and Revision 6 to Report No. MDS/PDG-77-1, "Evaluation of the Effects of Postulated Pipe Failures Outside Containment for McGuire Nuclear Station". This filing also includes 15 additional conformed copies of the amendment with an additional 45 copies of Revision 43 to the Final Safety Analysis Report and 22 copies of Revision 6 to Report No. MDS/PDG-77-1.

Revision 43 updates various sections of the FSAR to support licensing of Unit 2. Major items in this revision include:

- 1) Chapter 13 changes to reflect the recent Duke Power reorganization and to include updated personnel resumes
- 2) Updated operator requalification program description
- 3) Reanalysis of the limiting LOCA break to demonstrate that no NUREG-0630 burst/blockage penalty need be applied
- 4) Reanalysis results to account for reduced boron concentration from 20,000 ppm to 2000 ppm
- 5) Inclusions of various modifications accomplished pursuant to 10 CFR 50.59
- 6) Miscellaneous changes and clarifications

Revision 6 to Report No. MDS/PDG 77-1 provides a clarification of several assumptions in the pipe break analysis.

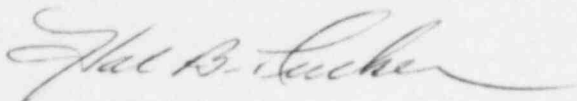
Copies of this amendment 69 have been distributed in accordance with the requirements of Part 2.101 of the Commission's regulations and the instructions contained in Mr. Roger S. Boyd's letter of August 6, 1976.

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Very truly yours,

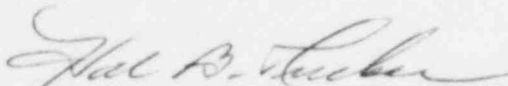
A handwritten signature in cursive script, appearing to read "Hal B. Tucker". The signature is fluid and extends to the right with a long, sweeping tail.

Hal B. Tucker

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Enclosures

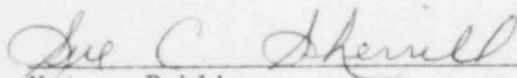
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HAL B. TUCKER, being duly sworn, states that he is Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this Amendment 69 to its application and documents appended thereto; 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 1st day of October, 1982



Notary Public

My Commission Expires:

September 20, 1984