

DUKE POWER COMPANY

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HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

July 12, 1985

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

Subject: McGuire Nuclear Station
Docket Nos. 50-369 and 50-370
Technical Specification Amendment for Containment Ice Condenser

Dear Mr. Denton:

Attached are proposed license amendments to Facility Operating Licenses NPF-9 and NPF-17 for McGuire Nuclear Station Units 1 and 2, respectively.

The proposed amendments would extend the surveillance interval for the Ice Condenser Doors to at least once every 18 months. The current Technical Specification (4.6.5.3.1) requires the surveillance of the Ice Condenser Doors at least once every 9 months.

The Technical Basis (3/4.6.5.3.) for the surveillance requirements is to provide reasonable assurance that the doors should remain closed during normal operation and open during a LOCA or a high energy line break. Duke Power Company's review of the Ice Condenser Doors has demonstrated that the closure of the doors during normal operation is adequately addressed by the Continuous Door Position Monitoring System. The opening of the ice condenser doors during a high energy line break is also not in doubt as a minor increase in pressure (of 0.1 psig or more) exerts a force of about 10 times that employed in surveillance and testing of these doors. In the case of a real accident, the ice condenser doors are certain to open since the doors do not have the structural strength to remain or be restrained shut against a pressure rise of 2 or 3 psig. The ice condenser doors meet their functional requirements as envisaged in the Technical Specification Basis even if no periodic surveillance and testing is performed on these doors. The doors do not contain any components, failure of which, would prevent the doors from performing their intended function. The door hinges, for instance are designed to preclude galling or self welding, the door springs only hold the door in neutral position but otherwise exert a very small torque, and the door seals prevent formation of condensation which could freeze the door.

Duke Power Company has determined that extension of the surveillance interval for the ice condenser doors from 9 to 18 months is not a safety concern. Attachment I contains the proposed changes to the Technical Specification. Attachment II provides Justification and Safety Analysis in support of the proposed changes. Attachment III provides an Analysis of Significant Hazards Consideration for the proposed changes as required by 10CFR50.91. The proposed changes have no safety or environmental impact.

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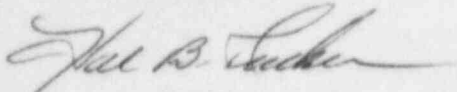
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Mr. Harold R. Denton, Director
July 12, 1985
Page -2-

This request involves one application for amendment to McGuire's Technical Specifications. Accordingly, pursuant to 10CFR 170.21 a check for \$150.00 is enclosed.

Please feel free to contact us if you require any additional information.

Very truly yours,



Hal B. Tucker

RLG/mjf

Attachments

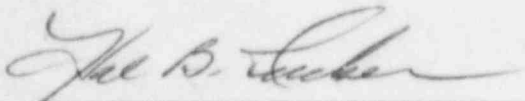
cc: Dr. J. Nelson Grace, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia 30323

W. T. Orders
Senior Resident Inspector
McGuire Nuclear Station

Mr. Dayne Brown, Chief
Radiation Protection Branch
Division of Facility Services
Department of Human Resources
P. O. Box 12200
Raleigh, North Carolina 27605

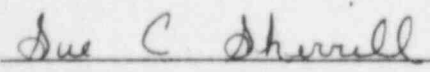
Mr. Harold R. Denton, Director
July 12, 1985
Page -3-

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 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 12th day of July



Notary Public

My Commission Expires:

