

DUKE POWER COMPANY

P.O. BOX 33189

CHARLOTTE, N.C. 28242

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

TELEPHONE  
(704) 373-4531

June 21, 1985

//  
Redistributed due to copying error  
//

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,-370

Dear Mr. Denton:

On July 20, 1984, a meeting was held at the request of the NRC Staff to discuss the status of the main steamline break analysis for McGuire in light of activities in progress relative to the Catawba licensing. As a result of that meeting, the NRC Staff requested that Duke submit a summary of the evaluation that had been conducted by Duke on McGuire on this issue.

By letter dated August 8, 1984 a summary evaluation of the main steam line break analysis for both inside containment and in the Doghouse for McGuire was submitted. It was noted that additional analysis was underway to support the licensing of Catawba.

The results of the analysis for Catawba were provided as Supplement 2 to Significant Deficiency No. 413-414/84-16, Duke letter dated March 15, 1985.

Attached please find the results of additional analysis/evaluation for McGuire. This analysis/evaluation has shown that the higher temperatures generated in the event of an MSLB in the Doghouse will not affect the capability to shutdown the reactor and to maintain it in a safe condition; and that qualification of all equipment in the Doghouse has been demonstrated.

Very truly yours,

*H.B. Tucker*

Hal B. Tucker

RLG/mjf

8507080322 850621  
PDR ADDCK 05000369  
P PDR

Attachment

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

*1001*

Mr. Harold R. Denton, Director  
June 21, 1985  
Page -2-

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

Mr. Darl Hood, Project Manager  
Division of Licensing  
Office of Nuclear Regulatory Commission  
Washington, D. C. 20555