

**DUKE POWER COMPANY**

P.O. BOX 33189

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**HAL B. TUCKER**

VICE PRESIDENT  
NUCLEAR PRODUCTION

TELEPHONE  
(704) 373-4531

December 13, 1985

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

Attention: B.J. Youngblood, Director  
PWR Project Directorate #4

Subject: McGuire Nuclear Station  
Catawba Nuclear Station  
Docket Nos. 50-369, 50-370, and 50-413  
Primary Coolant Iodine Spikes Reporting Requirements  
and Iodine Activity Limits Shut Down Requirements  
Isotopic Analysis of Reactor Coolant

Dear Mr. Denton:

Attached are proposed License amendments to Facility Operating Licenses NPF-9, NPF-17, and NPF-35 for McGuire Nuclear Station, Units 1 and 2, and Catawba Nuclear Station, Unit 1, respectively. It is requested that the proposed changes affecting Catawba Unit 1 be incorporated into the proposed Catawba Units 1 and 2 combined Technical Specifications which were transmitted by my letter of March 15, 1985.

The proposed changes to the McGuire Technical Specifications involve: 1) a revision to the reporting requirements related to primary coolant iodine spikes; and 2) the deletion of existing requirements to shut down the plant if coolant iodine activity limits are exceeded for 800 hours in a 12-month period; 1 3) a clarification of the sampling technique to allow analysis of a non-degassed reactor coolant sample for determination of total specific activity.

The proposed changes to the Catawba Technical Specifications involve: 1) a revision to the reporting requirements related to primary coolant iodine spikes; and 2) the deletion of existing requirements to shut down the plant if coolant iodine activity limits are exceeded for 800 hours in a 12-month period.

The proposed changes to the McGuire and Catawba Technical Specifications in the primary coolant iodine spikes reporting requirements will reduce the present reporting requirements from a short-term report (Special Report or Licensee Event Report) to an item to be included in the Annual Report as stated in NRC's Generic Letter No. 85-19 dated September 27, 1985. In addition, the existing requirement in the McGuire and Catawba Technical Specifications to shut down the plant if coolant iodine activity limits are exceeded for 800 hours in a 12-month period is no longer considered necessary by the NRC as stated in Generic Letter 85-19. The proposed changes to the McGuire Technical Specifications involving a clarification to the Reactor Coolant System isotopic sampling technique are the result of improved technology which will provide accurate quantification of activity while reducing radiation exposure of workers (ALARA).

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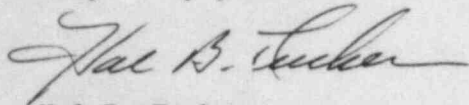
Attachment I contains the proposed revision to the Technical Specifications for McGuire Nuclear Station. Attachment II contains the proposed revision to the Technical Specifications for Catawba Nuclear Station. Attachment III contains the Justification and Analysis in support of the proposed changes. Attachment IV provides a determination that the proposed changes would not involve any significant hazards consideration as defined by 10 CFR 50.92.

This request involves one application for amendment to McGuire's Technical Specifications and one application for amendment to Catawba's Technical Specifications. Accordingly, pursuant to 10 CFR 170.21 two checks for \$150.00 each are enclosed.

Pursuant to 10 CFR 50.91 (b) (1) the appropriate South Carolina State Official is being provided a copy of this amendment request.

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

Very truly yours,



Hal B. Tucker

JGT/JBD/jgm

Attachments

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

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

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

Mr. P.H. Skinner  
NRC Resident Inspector  
Catawba Nuclear Station

Mr. Heyward G. Shealy, Chief  
Bureau of Radiological Health  
S.C. Dept. of Health & Env. Control  
2600 Bull Street  
Columbus, S.C. 29201

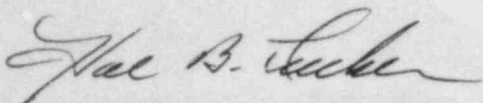
INPO Records Center  
Suite 1500  
1100 Circle 75 Parkway  
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American Nuclear Insurers  
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M&M Nuclear Consultants  
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New York, NY 10020

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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 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 17th day of December, 1985.



Notary Public

My Commission Expires:

September 20, 1989

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bcc: P.M. Abraham  
K.S. Canady  
N.A. Rutherford  
W.A. Haller  
R.L. Gill  
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P.B. Nardoci  
B.H. Hamilton  
R.W. Ouellette  
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E.O. McCraw  
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M.E. Hollis  
L.R. Kimray  
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R.P. Michael  
R.S. Biswas  
R.W. Eaker  
File: MC-801.01  
MC-813.20  
CN-801.01  
CN-813.20