

DUKE POWER COMPANY  
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HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

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February 28, 1983  
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Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Re: McGuire Nuclear Station  
Unit 2  
Docket No. 50-370

Dear Mr. O'Reilly:

My December 10, 1982 letter submitted (pursuant to 10 CFR 50.55e) an interim Significant Deficiency Report (SD 370/82-06) concerning ITT Barton Class 1E transmitters exhibiting thermal non-repeatability. Since our last report dated January 10, 1983, information has been supplied to Westinghouse by ITT Barton detailing the magnitude of bounding errors for the NSS transmitters in question (1 percent for pressure transmitters and 1.25 percent for differential pressure transmitters). Based on the ITT Barton information, Duke and Westinghouse have performed a preliminary assessment of the impact of these changes in stated accuracies on the specific NSS Barton Lot 5 transmitter applications. The results of the assessment indicate that sufficient margin exists in the existing protection system setpoints to accommodate these changes in stated accuracies.

Further detailed studies by Westinghouse are in progress and the results of these studies are expected by mid-March. Duke will provide a follow-up report by March 31, 1983.

Very truly yours,

*H.B. Tucker / BT*

Hal B. Tucker

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cc: Director  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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

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