

# DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

July 13, 1982

TELEPHONE: AREA 704  
373-4083

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, Unit 1  
Docket No. 50-369  
Thermal Sleeves

Dear Mr. Denton:

Attached are reports detailing the examinations and evaluations performed by Duke Power Company and Westinghouse Electric Corporation to support operation of McGuire Unit 1 in light of recent problems with thermal sleeves. Attachment 1 contains a description of the problem and a detailed evaluation of the safety aspects of operation with the affected thermal sleeves in their present and worst expected condition. Attachment 2 is a summary of the inspections and testing conducted to verify the status of the thermal sleeves in McGuire Unit 1. Attachment 3 contains a description of the loose parts monitoring system (LPMS) installed in Unit 1 and plans for use of the system during the next period of operation. Also described are proposed plans for operation with a loose thermal sleeve and removal of installed thermal sleeves.

This matter has been reviewed by both the Westinghouse Safety Review Committee (WSRC) and the Duke Power Company Nuclear Safety Review Board (NSRB). The NSRB made several recommendations which they felt would enhance safe operation, and these items are being included in the overall program for restart of the unit. The conclusion reached by both the WSRC and the NSRB was that operation with loose/degraded thermal sleeves in the reactor coolant system (RCS) does not pose a safety concern.

Additionally, this matter was reviewed pursuant to 10CFR50.59 by the appropriate personnel at McGuire Nuclear Station with Westinghouse input. This review resulted in the determination that operation with loose/degraded thermal sleeves does not constitute an unreviewed safety question.

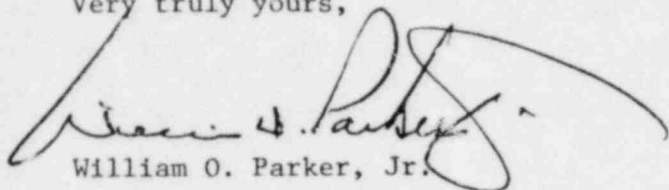
In summary, it is concluded that power operation can continue with the thermal sleeves in their present condition. Neither the current condition nor further degradation of the thermal sleeves is expected to adversely affect the safety of operation by either impairing the integrity of the RCS boundary or by affecting the operability of any RCS or core components.

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Mr. Harold R. Denton, Director  
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Very truly yours,

A handwritten signature in dark ink, appearing to read "William O. Parker, Jr.", with a large, sweeping flourish extending to the right.

William O. Parker, Jr.

GAC/php  
Attachment

cc: Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Mr. P. R. Bemis  
Senior Resident Inspector  
McGuire Nuclear Station