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**DUKE POWER**

DATE: April 7, 1997

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Subject: McGuire Nuclear Station, Unit 1 and 2  
Docket No. 50-369

Special Report 97-01, Revision 0  
Problem Investigation Process No.: 0-M97-0923

Gentlemen:

Attached for your information is Special Report 97-01 concerning Selected Licensee Commitment 16.7-2, Seismic Instrumentation. The Peak Accelerometer, 1MIMT5030, was removed from service as a result of the Steam Generator Replacement Project. This event is considered to be of no significance with respect to the health and safety of the public.

Very truly yours,

*for*   
H. B. Barron

JWP/bcb

Attachment

cc: Mr. Luis A. Reyes  
Administrator, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta St., NW, Suite 2900  
Atlanta, GA 30323

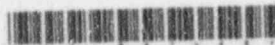
Mr. Victor Nerses  
U.S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation  
Washington, D.C. 20555

INPO Records Center  
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Mr. Scott Shaeffer  
NRC Resident Inspector  
McGuire Nuclear Station

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**DUKE POWER COMPANY  
McGUIRE NUCLEAR STATION  
SAFETY REVIEW GROUP SPECIAL REPORT**

This Special Report is being submitted as required by Selected Licensee Commitment (SLC) 16.7-2, Seismic Instrumentation. If one or more seismic monitoring instruments are inoperable for more than 30 days, SLC 16.7-2 requires McGuire to prepare and submit a Special Report to the Commission pursuant to Technical Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the instrument(s) to operable status. One of three Peak Accelerometers was removed from service on February 7, 1997, as documented on Problem Investigation Report (PIP) 0-M97-0923 and Work Order 95092624.

**Report No.: SR 97-01 Rev. 0**

**Date of Report: April 7, 1997**

**Description of Incident**

Unit Status: Unit 1 was in No Mode (Defueled) and Unit 2 in Mode 1 at 100% power at the time the Peak Accelerometer was removed from service.

The Peak Recording Accelerometer is a Teledyne Geotech Model PRA-103 device. It will detect and record peak amplitudes at low frequency accelerations resulting from earthquakes.

Peak Accelerometer, 1MIMT-5030, was removed on February 26, 1997 under WO 95092624 as part of the Steam Generator Replacement Project. The Accelerometer is located on Auxiliary Feedwater System piping connected to the 'D' Steam Generator.

The Accelerometer will be placed back into service prior to Unit 1 start-up.