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DUKE POWER

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

Subject: McGuire Nuclear Station Unit 2
Special Report No. SR 93-05
Problem Investigation Process No.: 2-M93-0425

Gentlemen:

Attached is a Special Report concerning channel 8 of the Vibration and Loose Parts Monitor being found inoperable. This Special Report is being submitted per Technical Specification 3.3.10 and 6.9.2. This event is considered to be of no significance with respect to the health and safety of the public.

Very truly yours,

T.C. McMeekin

TLP/bcb

Attachment

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Special Report SR-93-05
Unit 2 Vibration & Loose Parts Monitor
Operability of Channel 8

Associated Tech Spec: 3.3.3.10

Related PIP's: PIP 2-M93-0425

Cause of Malfunction: Channel 8 (2MIMT5170, S/G 2D) of the Vibration & Loose Parts Monitor (V&LPM) was declared inoperable after it was discovered to have a low signal level by Operations on April 13, 1993. WO 93029919 was initiated and channel investigated by IAE. Low signal level was verified. The cause of the low noise level is damaged or bad cable to the associated sensor or poor cable terminations.

Instrument Vendor: V&LPM manufactured by Rockwell International

Generic Concerns: The V&LPM has a history of unreliable performance. Specifically, numerous sensor cable and termination problems have been experienced due to their susceptibility to damage during installation or nearby maintenance activities.

Compensatory Measures: No compensatory measures are planned or required.

Plans for Restoring Operability: Channel 8 of the V&LPM will be repaired under WO 93029919 during the next Unit 2 refueling outage (2EOC8) when cables and terminations are accessible.

Future Plans for V&LPM: NSM's MG-12096 (Unit 1) and MG-22096 (Unit 2) are scheduled for completion during 1EOC9 and 2EOC9, respectively. Implementation on these NSM's will begin during 1EOC8 and 2EOC8, respectively. These NSM's will install a completely new system and address system failure trends.

BY:

MW Murdoch

Date:

5-14-93

Approval:

Chris Paris

Date:

5/17/93