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REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES																																							
While in Mode 3, radiation monitors 2EMF-38 (particulate radioactivity-RCS																																							
leakage detection) and 2EMF-39 (containment atmosphere gaseous radioactivity)																																							
were declared inoperable when their low flow alarm could not be cleared. This																																							
violates T.S.3.3.3.1 and 3.4.6.1 which are reportable per T.S.6.9.1.11(b). The																																							
containment purge valves were maintained closed and grab samples obtained in																																							
accordance with T.S. action statements. In addition, the containment ventila-																																							
tion condensate drain tank level monitoring system was operable. Health and																																							
safety of the public were unaffected.																																							
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS																																							
Investigation found that the vacuum switch (Barksdale Model D2T-H1855) was																																							
stuck. The flow switch was exercised, and the pump started in both manual and																																							
auto modes to establish flow through the EMFs. 2EMF-38 and 39 were declared																																							
operable on May 1, 1983, and have operated properly since being returned to																																							
service.																																							
B 0 0 0 0 N/A B Routine Surveillance																																							
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NAME OF PREPARER Phillip B. Nardoci PHONE (704)373-7432																																							

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NUCLEAR PRODUCTION

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May 31, 1983

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

83 JUN 7 9:28  
USNRC REGION II  
ATLANTA, GEORGIA

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-370/83-15. This report concerns T.S. 3.3.3.1, "The radiation monitoring instrumentation channels for plant operations shown in Table 3.3-6 shall be operable...", and T.S. 3.4.6.1, "The following reactor coolant system leakage detection systems shall be operable:...c. Either the containment ventilation condensate drain tank level monitoring system or a containment atmosphere particulate radioactivity monitoring system". This incident was considered to be of no significance with respect to the health and safety of the public.

Very truly yours,

*H.B. Tucker / TW*

Hal B. Tucker

PBN:jfw  
Attachment

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

Records Center  
Institute of Nuclear Power Operations  
1100 Circle 75 Parkway, Suite 1500  
Atlanta, Georgia 30339

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

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