

EXPIRES 4-30-82

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While in Mode 5, during performance of the 18 month reactor protection system time response test, detector voltage was removed from both source range detectors for channels N-31 and N-32 rendering them inoperable (N-32 was already inoperable due to a faulty detector, ref. RO-369/83-110). This constitutes a degradation of the reactor trip system instrumentation (T.S.3.3.1, Table 3.3-1 functional unit #6) which is reportable per T.S.6.9.1.11(b). During the time both detectors were inoperable (5 minutes) no changes in reactivity occurred and no fuel was being moved. Health and safety of the public were unaffected.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Technicians performing the test did not read the procedure closely and consequently did not follow the procedure. In addition, the procedure was unclear and in at least one section was incorrect. Shutdown margin calculations were performed in accordance with the T.S. action statement. Detector voltage was restored by placing the SSPS train B "input errors inhibit" switch in the "normal" position. The procedure will be revised.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

December 16, 1983

TELEPHONE
(704) 373-4531

87 DEC 29 4 8: 58

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

Subject: McGuire Nuclear Station Unit 1
Docket No. 50-369
LER/RO-369/83-111

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-369/83-111. This report concerns T.S. 3.3.1, "As a minimum, the reactor trip system instrumentation channels and interlocks of Table 3.3-1 shall be operable...". 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 / HBT

Hal B. Tucker

PBN:jfw
Attachment

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

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

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

OFFICIAL COPY
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