

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

3 1 N C M G S 2 0 0 - 0 0 0 0 0 0 0 0 0 3 4 1 1 1 1 1 4 1 1 5
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

CONT'

0 1 REPORT SOURCE L 0 5 0 0 0 3 7 0 7 1 2 2 4 8 3 8 0 1 2 3 8 4 9
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 | 2 | While in Mode 4, an invalid fire alarm for fire detection zone EFA 170 (area beneath
 0 | 3 | the Unit 2 reactor building operating floor at 329°-347°, including the 2D safety
 0 | 4 | injection accumulator room) was received in the control room which would not reset.
 0 | 5 | EFA 170 was subsequently declared inoperable. This constitutes a degradation of
 0 | 6 | the fire detection instrumentation (T.S.3.3.3.7) which is reportable per T.S.6.
 0 | 7 | 9.1.11(b) and similar to events referenced in R0-369/83-116. Fire watch patrols
 0 | 8 | were initiated every 8 hours in accordance with the T.S. action statement, restoring
 early detection capability. Health and safety of the public were and remain unaffected.

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	SUBCODE	SUBCODE
0 9 A B 11 X 12 Z 13 I N S T R U 14 E 15 Z 16	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26				
17 LER/NO REPORT NUMBER 18 EVENT YEAR 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47				
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED MPRD-4 FORM SUB. PRIME COMP. SUPPLIER REVISION NO. COMPONENT MANUFACTURER	C 18 Z 19 Z 20 Z 21 0 10 0 0 0 0 N 23 N 24 L 25 X 19 19 19 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47				

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 | 0 | This is attributed to unusual service conditions due to dust accumulation in one
 1 | 1 | of the detectors as a result of maintenance activities (filters in an air handling
 1 | 2 | unit in the SI accumulator room were being changed). In addition, the detector was
 1 | 3 | near one of the vents of the air handling unit. The detector (Firemark 9620) was
 1 | 4 | replaced, the alarm reset, and EFA 170 tested and declared operable.

FACILITY STATUS	POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
1 5 X 28 L 29 30 Mode 4 31 A 32 Control Room Alarm	7 8 9 10 11 12 13 44 45 46 47			
ACTIVITY RELEASED OF RELEASE	CONTENT	AMOUNT OF ACTIVITY	35	LOCATION OF RELEASE
1 6 Z 33 Z 34 NA 35 36 NA	7 8 9 10 11 12 13 44 45 46 47			
PERSONNEL EXPOSURES NUMBER	TYPE	DESCRIPTION	39	
1 7 0 0 0 37 Z 38 NA 39 40 41 42 43 44 45 46 47	7 8 9 10 11 12 13 44 45 46 47			
PERSONNEL INJURIES NUMBER	DESCRIPTION		41	
1 8 0 0 0 40 NA 41 42 43 44 45 46 47	7 8 9 10 11 12 13 44 45 46 47			
LOSS OF OR DAMAGE TO FACILITY TYPE	DESCRIPTION		43	
1 9 Z 42 NA 44 45 46 47	7 8 9 10 11 12 13 44 45 46 47			
PUBLICITY ISSUED DESCRIPTION			45	NRC USE ONLY
2 0 N 44 NA 45 46 47	7 8 9 10 11 12 13 44 45 46 47			

NAME OF PREPARER Phillip B. Nardoci

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NUCLEAR PRODUCTION

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31 A10 January 23, 1984

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 2
Docket No. 50-370
LER/RO-370/83-91

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-370/83-91. This report concerns T.S. 3.3.3.7, "As a Minimum, the Fire Detection Instrumentation for Each Fire Detection Zone Shown in Table 3.3-11 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 /BD

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

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