

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	C	M	G	S	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4	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																
LICENSEE CODE														LICENSEE NUMBER										LICENSE TYPE										CAT 18									

CONT

0	1	L	5	0	5	0	0	0	3	6	9	7	1	0	2	5	8	3	3	1	2	0	9	8	3	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	31	32	33	34																
REPORT SOURCE														DOCKET NUMBER										EVENT DATE										REPORT DATE									

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 While in Mode 1, an invalid fire alarm for fire detection zone EFA 152 was received

0 3 in the control room which would not reset. Zone EFA 152 was subsequently declared

0 4 inoperable. This constitutes a degradation of the fire detection instrumentation

0 5 (T.S.3.3.3.7) which is reportable pursuant to T.S.6.9.1.11(b) and similar to RO's

0 6 369/83-69, 83-71, 83-88, 83-99 and 370/83-41. Hourly containment temperature moni-

0 7 toring was initiated during the time the zone was inoperable in accordance with

0 8 the T.S. action statements. Health and safety of the public were unaffected.

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
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE								COMP. SUBCODE		VALVE SUBCODE			
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.											
8 3		1 0 6		0 3		L		0											
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER			
C 18		Z 19		Z 20		Z 21		0 0 0 0		N 23		N 24		L 25		H 2 6 0			
23		24		25		26		27		28		29		30		31			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 This is attributed to unusual service conditions due to the circuitry board of one

1 1 ionization type detector (Honeywell TC100A) being severely corroded apparently by

1 2 moisture accumulation (water vapor present in containment resulting from all vapor

1 3 producing sources such as leaks and the mist spray system). The detector was re-

1 4 placed, the fire alarm reset, and EFA 152 declared operable.

1	5	E	28	0	9	2	29	NA	30	A	31	Control Room Alarm	32						
7	8	9	10	11	12	13	14	15	16	17	18	19	20						
FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION			
ACTIVITY CONTENT RELEASED OF RELEASE				AMOUNT OF ACTIVITY				LOCATION OF RELEASE											
Z 33				Z 34				NA				NA							
PERSONNEL EXPOSURES NUMBER				TYPE				DESCRIPTION											
0 0 0 0				Z 38				NA											
PERSONNEL INJURIES NUMBER				DESCRIPTION															
0 0 0 0				NA															
LOSS OF OR DAMAGE TO FACILITY TYPE				DESCRIPTION															
Z 42				NA															
PUBLICITY ISSUED DESCRIPTION				NRC USE ONLY															
N 44				NA															

NAME OF PREPARER Phillip B. NardociPHONE (704) 373-7432

DUKE POWER COMPANY

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HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

December 9, 1983

TELEPHONE
(704) 373-4531

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-369/83-106

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-369/83-106. 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

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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