

NRC FORM 388 (12-81)		U.S. NUCLEAR REGULATORY COMMISSION LICENSEE EVENT REPORT		APPROVED BY OMB 3150-0011 EXPIRES 4-30-82	
CONTROL BLOCK: 1		(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)			
01		N C M G S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4		5	
7 8		14 15		25 26 37 CAT 38	
CONT					
01		REPORT SOURCE L 6 0 5 0 0 0 3 6 9 7 0 3 0 3 8 3 8 0 4 1 5 8 3 9			
7 8		40 41		60 61	
		EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)			
02		While in a maintenance outage with the core removed, routine surveillance on the			
03		conventional waste water system radiation monitor (1EMF-31) found the channel to			
04		be out of tolerance. 1EMF-31 was declared inoperable per T.S.3.3.3.8, which is			
05		reportable per T.S.6.9.1.13(b). Periodic sampling was performed as required by			
06		T.S.3.3.3.8 action statement 31. The results of these grab samples, as well as			
07		composite sample results since the last successful calibration (12/9/82), show			
08		that discharge limits were not exceeded. Health and safety of the public were			
7 8		unaffected.			
		SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE			
09		M C 11 E 12 X 13 I N S T R U 14 E 15 Z 16			
7 8		9 10		19 20	
		EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.			
17		8 3 21 22		0 1 4 23 24	
18		Z 19 Z 20 Z 21		0 0 0 0 22	
23 24		25 26		27 28	
		ACTION TAKEN UTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER			
10		B 18 Z 19 Z 20 Z 21		0 0 0 0 22 N 23 N 24 L 25 H 0 6 5 26	
23 24		25 26		27 28	
		CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)			
10		Calibration inconsistencies attributed to a cracked detector crystal (Harshaw			
11		type 8D8). Cracks believed to have resulted from exceeding max. temp. change of			
12		the crystal (49°C max. and 1°C/hour change) due to S/G blowdown being dumped to			
13		the turbine building sump. Crystal was replaced with a high temperature crystal			
14		(Harshaw Model 8PF8-rated to 150°C max. and 10°C/hr), the EMF calibrated and			
7 8		returned to service.			
		FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)			
15		X 28 0 0 0 29		B 31 Routine surveillance	
7 8		9 10		44 45	
		ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)			
16		Z 33 Z 34		N/A	
7 8		9 10		44 45	
		PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)			
17		0 0 0 37 Z 38		N/A	
7 8		9 10		44 45	
		PERSONNEL INJURIES NUMBER DESCRIPTION (41)			
18		0 0 0 40		N/A	
7 8		9 10		44 45	
		LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)			
19		Z 42		N/A	
7 8		9 10		44 45	
		PUBLICATION ISSUED DESCRIPTION (45) N/A			
20		N 44		N/A	
7 8		9 10		44 45	
		NAME OF PREPARER Phillip B. Nardoci PHONE: (704) 373-7432			

DUKE POWER COMPANY

P.O. BOX 33189
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HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

May 18, 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

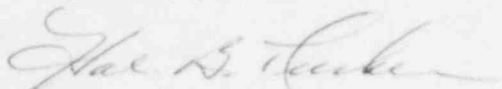
Re: McGuire Nuclear Station Unit 1
Docket No. 50-369

Dear Mr. O'Reilly:

Please find attached Revision 1 to Reportable Occurrence Report RO-369/83-14. The original report was submitted by my letter dated April 15, 1983. This report concerns T.S. 3.3.3.8, "The radioactive liquid effluent monitoring instrumentation channels shown in Table 3.3-12 shall be operable...". This incident was considered to be of no significance with respect to the health and safety of the public.

The original report gave an incorrect temperature rating (120°C maximum) for the previously installed Harshaw type 8D8 detector crystal. The actual temperature rating of the crystal is 49°C maximum and 1°C per hour change.

Very truly yours,



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

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Institute of Nuclear Power Operations
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