

U.S. NUCLEAR REGULATORY COMMISSION
LICENSEE EVENT REPORTAPPROVED BY OMB
3130-0011
EXPIRES 4-30-82

CONTROL BLOCK										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)															
01	NC	MS	2	3	0	0	-	0	0	0	0	0	0	3	4	1	1	1	1	4	5				
LICENSEE CODE				LICENSE NUMBER				LICENSE TYPE				CAT 18													
CONT																									
01	REPORT	L	6	0	5	0	0	0	3	7	0	7	1	2	0	8	8	8	0	1	0	6	8	4	9
DOCKET NUMBER				EVENT DATE				REPORT DATE																	
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)																									
012	While in Mode 1, increased make-up frequency to the volume control tank and con-																								
03	tainment and equipment sump 2A having been pumped out several times indicated a																								
04	leakage problem. Subsequent performance of a reactor coolant system leakage cal-																								
05	culation indicated that unidentified leakage was greater than the 1 gpm (actually																								
06	2.051gpm) limit allowed by T.S.3.4.6.2 (operational leakage) which is reportable																								
07	per T.S.6.9.1.11(d) and similar to RO's 369/82-25 and 370/83-26. The leakage rate																								
09	was well within the capability of the charging pumps and system pressure was un-																								
affected. Health and safety of the public were unaffected.																									
09	P	B	11	E	12	X	13	V	A	L	V	E	X	14	X	15	B	16							
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.															
83		—		085		03		L		0															
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NRC-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER									
X		F		Z		Z		0000		N		N		L		D243									
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)																									
10	This is attributed to component malfunction, investigation revealed that the leakage																								
11	resulted when valve 2NM-68, reactor coolant (NC) hot leg sample line relief, lifted.																								
12	The leakage was stopped by isolating the sample line (leakage calculation indicated																								
13	0.061 gpm). The valve will be removed during the current maintenance outage, and a																								
14	bypass installed around 2NM-22A (NC hot leg #1 sample line inside containment																								
isolation).																									
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION																	
B		089		NA		B		Periodic Surveillance																	
ACTIVITY RELEASED OF RELEASE		CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE																			
Z		Z		NA		NA																			
PERSONNEL EXPOSURES NUMBER		TYPE		DESCRIPTION																					
000		Z		NA																					
PERSONNEL INJURIES NUMBER		DESCRIPTION																							
000		NA																							
LOSS OF OR DAMAGE TO FACILITY TYPE		DESCRIPTION																							
Z		NA																							
PUBLICITY ISSUED DESCRIPTION		NA																							
N		NA																							
NAME OF PREPARER																									
Phillip B. Nardoci										PHONE															
										(704) 373-7432															

DUKE POWER COMPANY

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

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

84 JAN 16 A 9:34 January 6, 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 2
Docket No. 50-370
LER/R0-370/83-85

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report R0-370/83-85. This report concerns T.S. 3.4.6.2, "Reactor Coolant System Leakage Shall Be Limited To: ...b. 1 gpm Unidentified Leakage,...". 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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